

Table C-16. Federal obligations for research, by agency and performer: fiscal year 1995

[Dollars in thousands]

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| Agency and subdivision | Total | Intra-mural ¹ | Extramural | | | | | | | | |
|---|------------|--------------------------|-------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------|--|-----------------------|---------|---------|
| | | | United States and territories | | | | | | | | Foreign |
| | | | Indus-trial firms | FFRDCs admin by in-dustrial firms | Univer-sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti-tutions | FFRDCs admin by non-profit insti-tutions | State and local govts | | |
| Total, all agencies | 28,573,434 | 7,787,847 | 4,727,929 | 817,994 | 10,371,580 | 2,235,646 | 2,056,107 | 210,130 | 221,388 | 144,813 | |
| Departments: | | | | | | | | | | | |
| Department of Agriculture, total | 1,299,552 | 839,448 | 10,653 | 0 | 430,853 | 0 | 11,942 | 0 | 2,332 | 4,324 | |
| Agricultural Marketing Service | 4,180 | 3,699 | 0 | 0 | 481 | 0 | 0 | 0 | 0 | 0 | |
| Agricultural Research Service ² | 628,608 | 596,975 | 0 | 0 | 24,198 | 0 | 3,578 | 0 | 260 | 3,597 | |
| Cooperative State Research, Education, & Extension Service ³ | 417,712 | 19,034 | 10,473 | 0 | 379,762 | 0 | 6,965 | 0 | 1,478 | 0 | |
| Economic Research Service | 53,827 | 50,644 | 0 | 0 | 3,183 | 0 | 0 | 0 | 0 | 0 | |
| Foreign Agricultural Service ⁴ | 457 | 343 | 0 | 0 | 114 | 0 | 0 | 0 | 0 | 0 | |
| Forest Service | 187,704 | 161,869 | 180 | 0 | 22,965 | 0 | 1,369 | 0 | 594 | 727 | |
| Grain Inspection Packers & Stockyards Administration ⁵ | 1,484 | 1,484 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Nat'l Agricultural Statistics Svc | 4,019 | 3,844 | 0 | 0 | 145 | 0 | 30 | 0 | 0 | 0 | |
| Rural Business-Cooperative Svc ⁶ | 1,561 | 1,556 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | |
| Department of Commerce, total | 892,318 | 592,908 | 209,231 | 0 | 82,475 | 129 | 2,509 | 0 | 4,388 | 678 | |
| Bureau of the Census | 2,930 | 2,930 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Economic Development Admin | 521 | 10 | 461 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | |
| National Inst of Standards & Tech | 372,091 | 188,967 | 169,047 | 0 | 11,457 | 129 | 1,843 | 0 | 0 | 648 | |
| Nat'l Oceanic & Atmospheric Admin | 510,362 | 394,617 | 39,723 | 0 | 71,018 | 0 | 616 | 0 | 4,388 | 0 | |
| National Telecommunications & Information Administration | 6,383 | 6,383 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Office of the Secretary | 31 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | |
| Department of Defense, total | 4,333,934 | 1,563,632 | 1,509,430 | 19,205 | 1,062,832 | 70,444 | 77,735 | 15,858 | 0 | 14,798 | |
| Department of the Army | 852,063 | 543,061 | 192,765 | 3,465 | 95,166 | 2,697 | 8,626 | 1,003 | 0 | 5,280 | |
| Department of the Navy | 879,952 | 380,885 | 212,259 | 0 | 248,241 | 3,726 | 28,885 | 1,771 | 0 | 4,185 | |
| Department of the Air Force | 834,459 | 390,323 | 259,715 | 368 | 167,351 | 4,869 | 9,280 | 1,310 | 0 | 1,243 | |
| Defense Agencies, total | 1,767,460 | 249,363 | 844,691 | 15,372 | 552,074 | 59,152 | 30,944 | 11,774 | 0 | 4,090 | |
| Ballistic Missile Defense Organization | 104,553 | 15,190 | 67,763 | 0 | 13,268 | 4,878 | 0 | 2,294 | 0 | 1,160 | |
| Defense Advanced Research Projects Agency ⁷ | 921,404 | 60,152 | 558,694 | 4,012 | 226,723 | 37,895 | 26,063 | 5,868 | 0 | 1,997 | |
| Defense Information Systems Agency | 1,717 | 1,717 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Defense Logistics Agency | 7,062 | 7,062 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Defense Nuclear Agency | 209,033 | 47,118 | 137,497 | 3,910 | 4,638 | 12,765 | 2,172 | 0 | 0 | 933 | |
| Special Operations Command | 39,913 | 22,883 | 17,030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Washington Headquarters Svcs ⁸ | 483,778 | 95,241 | 63,707 | 7,450 | 307,445 | 3,614 | 2,709 | 3,612 | 0 | 0 | |
| Department of Education | 138,352 | 7,144 | 3,728 | 0 | 92,122 | 0 | 29,924 | 0 | 5,434 | 0 | |
| Department of Energy | 3,459,934 | 230,690 | 248,594 | 645,370 | 558,061 | 1,542,255 | 53,857 | 146,580 | 10,598 | 23,929 | |
| Dept of Health & Human Svcs, total | 10,075,950 | 2,244,942 | 514,284 | 122,008 | 5,599,759 | 22,731 | 1,389,881 | 18,005 | 126,679 | 37,661 | |
| Administration on Aging | 3,000 | 171 | 0 | 0 | 1,500 | 0 | 1,160 | 0 | 169 | 0 | |
| Admin for Children & Families | 11,200 | 224 | 0 | 0 | 9,856 | 0 | 1,075 | 0 | 45 | 0 | |
| Agcy for Hlth Care Policy & Rsch | 124,000 | 15,290 | 30,204 | 0 | 50,138 | 0 | 27,539 | 0 | 0 | 829 | |
| Centers for Disease Control & Prevention | 317,385 | 275,498 | 1,058 | 0 | 31,700 | 237 | 8,645 | 67 | 180 | 0 | |
| Food & Drug Administration | 170,462 | 153,932 | 0 | 0 | 9,856 | 0 | 6,674 | 0 | 0 | 0 | |
| Health Care Financing Admin | 74,537 | 64 | 27,270 | 0 | 5,838 | 0 | 19,199 | 0 | 21,876 | 290 | |
| Health Resources & Services Admin | 12,211 | 2,482 | 0 | 0 | 7,229 | 0 | 2,500 | 0 | 0 | 0 | |
| National Institutes of Health ⁹ | 9,333,602 | 1,782,920 | 452,625 | 122,008 | 5,480,904 | 22,494 | 1,318,880 | 17,938 | 99,291 | 36,542 | |
| Office of the Secretary | 9,121 | 3,750 | 1,414 | 0 | 1,499 | 0 | 2,183 | 0 | 275 | 0 | |
| Social Security Administration ¹⁰ | 20,432 | 10,611 | 1,713 | 0 | 1,239 | 0 | 2,026 | 0 | 4,843 | 0 | |

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations for research, by agency and performer: fiscal year 1995

[Dollars in thousands]

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| Agency and subdivision | Total | Intra-mural ¹ | Extramural | | | | | | | |
|--|---------|--------------------------|-------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------|--|-----------------------|---------|
| | | | United States and territories | | | | | | | Foreign |
| | | | Indus-trial firms | FFRDCs admin by in-dustrial firms | Univer-sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti-tutions | FFRDCs admin by non-profit insti-tutions | State and local govts | |
| Dept of Housing & Urban Dvlpmt | 14,180 | 7,401 | 595 | 0 | 1,294 | 0 | 4,890 | 0 | 0 | 0 |
| Department of the Interior, total | 532,436 | 473,703 | 6,716 | 85 | 49,311 | 610 | 595 | 0 | 419 | 997 |
| Bureau of Reclamation | 5,997 | 5,082 | 0 | 0 | 570 | 0 | 345 | 0 | 0 | 0 |
| Geological Survey ¹¹ | 347,897 | 322,016 | 1,311 | 0 | 24,570 | 0 | 0 | 0 | 0 | 0 |
| Minerals Management Service | 20,010 | 5,943 | 3,712 | 85 | 8,324 | 530 | 0 | 0 | 419 | 997 |
| National Biological Service ^{12 11} | 138,810 | 131,551 | 53 | 0 | 7,001 | 0 | 205 | 0 | 0 | 0 |
| National Park Service ¹² | 19,722 | 9,111 | 1,640 | 0 | 8,846 | 80 | 45 | 0 | 0 | 0 |
| Department of Justice, total | 25,828 | 2,968 | 723 | 0 | 5,448 | 0 | 13,733 | 0 | 2,956 | 0 |
| Bureau of Prisons | 3,249 | 2,068 | 0 | 0 | 0 | 0 | 0 | 0 | 1,181 | 0 |
| Immigration & Naturalization Svc | 400 | 40 | 0 | 0 | 0 | 0 | 360 | 0 | 0 | 0 |
| Office of Justice Programs | 22,179 | 860 | 723 | 0 | 5,448 | 0 | 13,373 | 0 | 1,775 | 0 |
| Department of Labor, total | 28,248 | 8,991 | 7,136 | 0 | 9,965 | 0 | 1,761 | 0 | 395 | 0 |
| Bureau of Labor Statistics | 13,100 | 3,779 | 0 | 0 | 9,321 | 0 | 0 | 0 | 0 | 0 |
| Employment & Training Admin | 4,206 | 1,144 | 1,000 | 0 | 592 | 0 | 1,075 | 0 | 395 | 0 |
| Occupational Safety & Hlth Admin | 4,370 | 1,286 | 3,084 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of the Secretary | 2,872 | 1,942 | 892 | 0 | 12 | 0 | 26 | 0 | 0 | 0 |
| Pension Benefit Guaranty Corp | 102 | 52 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pension & Welfare Benefits Admin | 3,598 | 788 | 2,110 | 0 | 40 | 0 | 660 | 0 | 0 | 0 |
| Department of State | 5,010 | 402 | 101 | 0 | 0 | 23 | 4,484 | 0 | 0 | 0 |
| Department of Transportation, total | 370,746 | 133,864 | 95,712 | 400 | 30,536 | 19,064 | 33,196 | 967 | 56,819 | 188 |
| Coast Guard | 4,930 | 3,360 | 1,070 | 0 | 500 | 0 | 0 | 0 | 0 | 0 |
| Federal Aviation Administration | 83,291 | 42,444 | 30,435 | 0 | 6,180 | 3,115 | 0 | 967 | 0 | 150 |
| Federal Highway Administration | 203,148 | 50,745 | 44,701 | 400 | 13,303 | 15,949 | 22,479 | 0 | 55,571 | 0 |
| Federal Railroad Administration | 22,545 | 12,702 | 3,278 | 0 | 1,200 | 0 | 5,340 | 0 | 0 | 25 |
| Federal Transit Administration | 10,866 | 1,002 | 1,660 | 0 | 2,850 | 0 | 4,106 | 0 | 1,248 | 0 |
| Maritime Administration | 2,450 | 723 | 969 | 0 | 503 | 0 | 242 | 0 | 0 | 13 |
| National Highway Traffic Safety Administration | 39,707 | 20,865 | 11,813 | 0 | 6,000 | 0 | 1,029 | 0 | 0 | 0 |
| Office of the Secretary | 590 | 90 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Research & Special Programs Admin .. | 3,219 | 1,933 | 1,286 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Treasury, total | 48,928 | 29,256 | 976 | 0 | 0 | 1,496 | 0 | 17,200 | 0 | 0 |
| Bureau of Engraving & Printing | 1,324 | 1,140 | 0 | 0 | 0 | 184 | 0 | 0 | 0 | 0 |
| Internal Revenue Service | 45,797 | 27,285 | 0 | 0 | 0 | 1,312 | 0 | 17,200 | 0 | 0 |
| Office of Thrift Supervision | 550 | 550 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Customs Service | 710 | 40 | 670 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Secret Service ¹³ | 547 | 241 | 306 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Veterans Affairs | 218,806 | 217,806 | 0 | 0 | 1,000 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

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[Dollars in thousands]

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| Agency and subdivision | Total | Intra-mural ¹ | Extramural | | | | | | | |
|--|-----------|--------------------------|-------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------|--|-----------------------|---------|
| | | | United States and territories | | | | | | | Foreign |
| | | | Indus-trial firms | FFRDCs admin by in-dustrial firms | Univer-sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti-tutions | FFRDCs admin by non-profit insti-tutions | State and local govts | |
| Other agencies: | | | | | | | | | | |
| Advisory Commission on Intergovernmental Relations | 1,413 | 1,413 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Regional Commission | 900 | 100 | 300 | 0 | 500 | 0 | 0 | 0 | 0 | 0 |
| Environmental Protection Agency | 401,627 | 163,586 | 109,300 | 0 | 91,552 | 0 | 30,000 | 0 | 4,643 | 2,546 |
| Federal Communications Commission | 2,268 | 2,268 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Trade Commission | 564 | 564 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| International Development Cooperation | | | | | | | | | | |
| Agency, total | 272,679 | 57,146 | 11,086 | 0 | 28,681 | 0 | 141,698 | 0 | 0 | 34,068 |
| Agency for Internat'l Dvlpmnt | 272,679 | 57,146 | 11,086 | 0 | 28,681 | 0 | 141,698 | 0 | 0 | 34,068 |
| Library of Congress | 2,106 | 2,106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Aeronautics & Space Admin | 4,046,089 | 1,011,522 | 1,885,761 | 0 | 587,589 | 421,913 | 120,543 | 1,851 | 1,907 | 15,003 |
| National Archives & Records Admin | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Science Foundation | 2,149,277 | 17,343 | 108,611 | 10 | 1,733,512 | 140,883 | 138,209 | 583 | 4,818 | 5,308 |
| Nuclear Regulatory Commission | 88,212 | 15,463 | 4,096 | 30,916 | 6,090 | 16,098 | 1,150 | 9,086 | 0 | 5,313 |
| Smithsonian Institution | 124,000 | 124,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee Valley Authority | 26,370 | 26,370 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| US Arms Control & Disarmament Agcy ... | 1,146 | 250 | 896 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Information Agency | 289 | 289 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| US Internat'l Trade Commission | 12,152 | 12,152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

³ The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

⁴ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.

⁵ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.

⁶ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.

⁷ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁸ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁹ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

¹⁰ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.

¹¹ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

¹² The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

¹³ The United States Secret Service was formerly listed as the Office of Protective Research.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-17. Preliminary Federal obligations for research, by agency and performer: fiscal year 1996

[Dollars in thousands]

Page 1 of 3

| Agency and subdivision | Total | Intra- mural ¹ | Extramural | | | | | | | |
|--|------------|------------------------------|-------------------------------|--|-----------------------------------|---|---|---|--------------------------------|---------|
| | | | United States and territories | | | | | | | Foreign |
| | | | Indus- trial firms | FFRDCs admin by in- dustrial firms | Univer- sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti- tutions | FFRDCs admin by non- profit insti- tutions | State and local govts | |
| Total, all agencies | 28,577,767 | 7,404,277 | 4,672,802 | 877,683 | 10,919,863 | 2,085,714 | 2,100,973 | 183,682 | 198,898 | 133,875 |
| Departments: | | | | | | | | | | |
| Department of Agriculture, total | 1,272,091 | 822,054 | 10,445 | 0 | 419,407 | 0 | 14,277 | 0 | 2,314 | 3,594 |
| Agricultural Marketing Service | 4,237 | 4,237 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agricultural Research Service ² | 626,394 | 591,885 | 0 | 0 | 25,465 | 0 | 5,917 | 0 | 260 | 2,867 |
| Cooperative State Research, Education, & Extension Service ³ | 406,163 | 18,824 | 10,266 | 0 | 368,650 | 0 | 6,961 | 0 | 1,462 | 0 |
| Economic Research Service | 53,131 | 51,249 | 0 | 0 | 1,882 | 0 | 0 | 0 | 0 | 0 |
| Foreign Agricultural Service ⁴ | 1,422 | 1,067 | 0 | 0 | 355 | 0 | 0 | 0 | 0 | 0 |
| Forest Service | 172,660 | 146,828 | 179 | 0 | 22,965 | 0 | 1,369 | 0 | 592 | 727 |
| Grain Inspection Packers & Stockyards Administration ⁵ | 2,797 | 2,797 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nat'l Agricultural Statistics Svc | 3,887 | 3,767 | 0 | 0 | 90 | 0 | 30 | 0 | 0 | 0 |
| Rural Business-Cooperative Svc ⁶ | 1,400 | 1,400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Commerce, total | 898,041 | 615,475 | 200,207 | 0 | 74,452 | 183 | 3,829 | 0 | 3,098 | 797 |
| Bureau of the Census | 2,871 | 2,871 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Economic Development Admin | 500 | 10 | 200 | 0 | 0 | 0 | 290 | 0 | 0 | 0 |
| National Inst of Standards & Tech | 409,012 | 196,755 | 198,435 | 0 | 10,797 | 133 | 2,122 | 0 | 0 | 770 |
| Nat'l Oceanic & Atmospheric Admin | 481,151 | 411,359 | 1,572 | 0 | 63,655 | 50 | 1,417 | 0 | 3,098 | 0 |
| National Telecommunications & Information Administration | 4,479 | 4,479 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of the Secretary | 28 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| Department of Defense, total | 3,948,430 | 1,402,031 | 1,334,569 | 11,448 | 1,026,368 | 57,904 | 81,268 | 18,566 | 0 | 16,276 |
| Department of the Army | 649,059 | 397,420 | 133,752 | 748 | 98,919 | 607 | 13,691 | 359 | 0 | 3,563 |
| Department of the Navy | 941,521 | 402,195 | 264,534 | 0 | 236,921 | 2,821 | 27,188 | 1,913 | 0 | 5,949 |
| Department of the Air Force | 881,924 | 426,664 | 272,183 | 777 | 157,739 | 4,360 | 13,291 | 5,205 | 0 | 1,705 |
| Defense Agencies, total | 1,475,926 | 175,752 | 664,100 | 9,923 | 532,789 | 50,116 | 27,098 | 11,089 | 0 | 5,059 |
| Ballistic Missile Defense Organization | 82,496 | 12,084 | 45,194 | 471 | 15,600 | 7,400 | 33 | 714 | 0 | 1,000 |
| Defense Advanced Research Projects Agency ⁷ | 777,597 | 44,731 | 464,106 | 3,332 | 208,860 | 22,828 | 24,410 | 7,668 | 0 | 1,662 |
| Defense Information Systems Agency | 1,455 | 1,455 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Logistics Agency | 7,981 | 7,981 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Nuclear Agency | 168,417 | 35,962 | 115,196 | 2,842 | 768 | 9,582 | 1,670 | 0 | 0 | 2,397 |
| Special Operations Command | 21,787 | 12,491 | 9,296 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington Headquarters Svcs ⁸ | 416,193 | 61,048 | 30,308 | 3,278 | 307,561 | 10,306 | 985 | 2,707 | 0 | 0 |
| Department of Education | 141,623 | 6,628 | 6,863 | 0 | 98,685 | 0 | 25,262 | 0 | 4,185 | 0 |
| Department of Energy | 3,299,377 | 194,348 | 260,451 | 651,959 | 526,497 | 1,471,380 | 42,296 | 127,263 | 7,487 | 17,696 |
| Dept of Health & Human Svcs, total | 10,524,585 | 1,999,385 | 456,272 | 189,333 | 6,248,275 | 17,207 | 1,440,310 | 19,268 | 116,507 | 38,028 |
| Administration on Aging | 171 | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Admin for Children & Families | 8,300 | 166 | 0 | 0 | 7,304 | 0 | 830 | 0 | 0 | 0 |
| Agcy for Hlth Care Policy & Rsch | 59,000 | 10,923 | 13,462 | 0 | 22,115 | 0 | 12,500 | 0 | 0 | 0 |
| Centers for Disease Control & Prevention | 323,181 | 281,294 | 1,058 | 0 | 31,700 | 237 | 8,645 | 67 | 180 | 0 |
| Food & Drug Administration | 170,462 | 153,932 | 0 | 0 | 9,856 | 0 | 6,674 | 0 | 0 | 0 |
| Health Care Financing Admin | 54,500 | 40 | 23,900 | 0 | 5,200 | 0 | 13,928 | 0 | 11,120 | 312 |
| Health Resources & Services Admin | 11,763 | 2,077 | 0 | 0 | 7,197 | 0 | 2,489 | 0 | 0 | 0 |
| National Institutes of Health ⁹ | 9,888,208 | 1,547,282 | 415,852 | 189,333 | 6,162,903 | 16,970 | 1,393,744 | 19,201 | 105,207 | 37,716 |
| Office of the Secretary | 9,000 | 3,500 | 2,000 | 0 | 2,000 | 0 | 1,500 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

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[Dollars in thousands]

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|--|---------|--------------------------|-------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------|--|-----------------------|---------|
| | | | United States and territories | | | | | | | Foreign |
| | | | Indus-trial firms | FFRDCs admin by in-dustrial firms | Univer-sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti-tutions | FFRDCs admin by non-profit insti-tutions | State and local govts | |
| Dept of Housing & Urban Dvlpmt | 12,162 | 8,502 | 1,206 | 0 | 531 | 0 | 1,923 | 0 | 0 | 0 |
| Department of the Interior, total | 539,603 | 478,185 | 5,633 | 20 | 53,645 | 350 | 271 | 0 | 226 | 1,273 |
| Bureau of Reclamation | 4,523 | 4,058 | 0 | 0 | 300 | 0 | 165 | 0 | 0 | 0 |
| Geological Survey ¹⁰ | 494,529 | 457,277 | 1,312 | 0 | 35,940 | 0 | 0 | 0 | 0 | 0 |
| Minerals Management Service | 20,774 | 7,731 | 2,681 | 20 | 8,483 | 350 | 10 | 0 | 226 | 1,273 |
| National Park Service ¹¹ | 19,777 | 9,119 | 1,640 | 0 | 8,922 | 0 | 96 | 0 | 0 | 0 |
| Department of Justice, total | 27,219 | 3,326 | 540 | 0 | 5,575 | 0 | 16,445 | 0 | 1,333 | 0 |
| Bureau of Prisons | 1,900 | 1,900 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Drug Enforcement Administration | 45 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Immigration & Naturalization Svc | 400 | 40 | 0 | 0 | 0 | 0 | 360 | 0 | 0 | 0 |
| Office of Justice Programs | 24,874 | 1,341 | 540 | 0 | 5,575 | 0 | 16,085 | 0 | 1,333 | 0 |
| Department of Labor, total | 24,687 | 12,744 | 5,618 | 0 | 5,350 | 0 | 975 | 0 | 0 | 0 |
| Bureau of Labor Statistics | 13,300 | 8,200 | 0 | 0 | 5,100 | 0 | 0 | 0 | 0 | 0 |
| Employment & Training Admin | 3,023 | 850 | 973 | 0 | 250 | 0 | 950 | 0 | 0 | 0 |
| Occupational Safety & Hlth Admin | 3,175 | 935 | 2,240 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of the Secretary | 2,871 | 1,918 | 928 | 0 | 0 | 0 | 25 | 0 | 0 | 0 |
| Pension Benefit Guaranty Corp | 53 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pension & Welfare Benefits Admin | 2,265 | 788 | 1,477 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of State | 4,250 | 405 | 101 | 0 | 23 | 41 | 3,680 | 0 | 0 | 0 |
| Department of Transportation, total | 333,972 | 113,608 | 87,863 | 1,644 | 44,590 | 1,811 | 32,596 | 603 | 51,172 | 85 |
| Coast Guard | 5,010 | 3,383 | 1,227 | 0 | 400 | 0 | 0 | 0 | 0 | 0 |
| Federal Aviation Administration | 60,373 | 31,819 | 21,734 | 120 | 4,226 | 1,811 | 0 | 603 | 0 | 60 |
| Federal Highway Administration | 198,126 | 46,414 | 44,526 | 1,524 | 29,894 | 0 | 24,596 | 0 | 51,172 | 0 |
| Federal Railroad Administration | 19,913 | 9,106 | 3,712 | 0 | 1,670 | 0 | 5,400 | 0 | 0 | 25 |
| Federal Transit Administration | 5,515 | 1,115 | 400 | 0 | 2,400 | 0 | 1,600 | 0 | 0 | 0 |
| National Highway Traffic Safety Administration | 38,185 | 19,209 | 11,976 | 0 | 6,000 | 0 | 1,000 | 0 | 0 | 0 |
| Research & Special Programs Admin .. | 6,850 | 2,562 | 4,288 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Treasury, total | 50,262 | 34,169 | 920 | 0 | 557 | 116 | 0 | 14,500 | 0 | 0 |
| Bureau of Engraving & Printing | 1,276 | 1,160 | 0 | 0 | 0 | 116 | 0 | 0 | 0 | 0 |
| Internal Revenue Service | 47,196 | 32,139 | 0 | 0 | 557 | 0 | 0 | 14,500 | 0 | 0 |
| Office of Thrift Supervision | 546 | 546 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Customs Service | 660 | 60 | 600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Secret Service ¹² | 584 | 264 | 320 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Veterans Affairs | 253,813 | 252,963 | 0 | 0 | 850 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Preliminary Federal obligations for research, by agency and performer: fiscal year 1996

[Dollars in thousands]

Page 3 of 3

| Agency and subdivision | Total | Intra-mural ¹ | Extramural | | | | | | | | Foreign |
|--|-----------|--------------------------|-------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------|---|-----------------------|--------|---------|
| | | | United States and territories | | | | | | | | |
| | | | Indus-trial firms | FFRDCs admin by in-dustrial firms | Univer-sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti-tutions | FFRDCs admin by non-profit institutions | State and local govts | | |
| Other agencies: | | | | | | | | | | | |
| Advisory Commission on Intergovernmental Relations | 1,402 | 1,402 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Appalachian Regional Commission | 900 | 100 | 100 | 0 | 700 | 0 | 0 | 0 | 0 | 0 | |
| Environmental Protection Agency | 352,170 | 143,442 | 95,840 | 0 | 80,278 | 0 | 26,306 | 0 | 4,071 | 2,233 | |
| Federal Communications Commission | 2,819 | 2,819 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Federal Trade Commission | 981 | 981 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| International Development Cooperation | | | | | | | | | | | |
| Agency, total | 226,749 | 34,315 | 9,421 | 0 | 18,025 | 0 | 135,155 | 0 | 0 | 29,833 | |
| Agency for Internat'l Dvlpmt | 226,749 | 34,315 | 9,421 | 0 | 18,025 | 0 | 135,155 | 0 | 0 | 29,833 | |
| Library of Congress | 1,827 | 1,827 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| National Aeronautics & Space Admin | 4,281,576 | 1,070,394 | 2,084,572 | 0 | 587,589 | 390,298 | 129,983 | 1,866 | 1,973 | 14,901 | |
| National Archives & Records Admin | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| National Science Foundation | 2,141,712 | 20,061 | 106,461 | 8 | 1,725,596 | 135,621 | 143,393 | 559 | 4,689 | 5,324 | |
| Nuclear Regulatory Commission | 59,184 | 13,872 | 3,632 | 23,271 | 2,155 | 10,803 | 559 | 1,057 | 0 | 3,835 | |
| Smithsonian Institution | 125,400 | 125,400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Social Security Administration ¹³ | 8,292 | 1,656 | 1,633 | 0 | 715 | 0 | 2,445 | 0 | 1,843 | 0 | |
| Tennessee Valley Authority | 31,130 | 31,130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| US Arms Control & Disarmament Agcy ... | 545 | 90 | 455 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| United States Information Agency | 150 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| US Internat'l Trade Commission | 12,695 | 12,695 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

³ The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

⁴ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.

⁵ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.

⁶ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.

⁷ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁸ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁹ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

¹⁰ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

¹¹ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

¹² The United States Secret Service was formerly listed as the Office of Protective Research.

¹³ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-18. Preliminary Federal obligations for research, by agency and performer: fiscal year 1997

[Dollars in thousands]

Page 1 of 3

| Agency and subdivision | Total | Intra-mural ¹ | Extramural | | | | | | | |
|---|------------|--------------------------|-------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------|--|-----------------------|---------|
| | | | United States and territories | | | | | | | Foreign |
| | | | Indus-trial firms | FFRDCs admin by indus-trial firms | Univer-sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti-tutions | FFRDCs admin by non-profit insti-tutions | State and local govts | |
| Total, all agencies | 29,173,536 | 7,696,114 | 4,799,723 | 1,005,509 | 10,823,289 | 2,131,096 | 2,199,887 | 191,571 | 207,020 | 119,327 |
| Departments: | | | | | | | | | | |
| Department of Agriculture, total | 1,286,264 | 844,144 | 12,269 | 0 | 416,869 | 0 | 7,073 | 0 | 2,315 | 3,594 |
| Agricultural Marketing Service | 4,271 | 4,271 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agricultural Research Service ² | 640,888 | 609,793 | 0 | 0 | 25,465 | 0 | 2,503 | 0 | 260 | 2,867 |
| Cooperative State Research, Education, & Extension Service ³ | 402,172 | 19,336 | 12,090 | 0 | 366,112 | 0 | 3,171 | 0 | 1,463 | 0 |
| Economic Research Service | 54,947 | 53,065 | 0 | 0 | 1,882 | 0 | 0 | 0 | 0 | 0 |
| Foreign Agricultural Service ⁴ | 1,422 | 1,067 | 0 | 0 | 355 | 0 | 0 | 0 | 0 | 0 |
| Forest Service | 174,393 | 148,561 | 179 | 0 | 22,965 | 0 | 1,369 | 0 | 592 | 727 |
| Grain Inspection Packers & Stockyards Administration ⁵ | 2,830 | 2,830 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nat'l Agricultural Statistics Svc | 3,941 | 3,821 | 0 | 0 | 90 | 0 | 30 | 0 | 0 | 0 |
| Rural Business-Cooperative Svc ⁶ | 1,400 | 1,400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Commerce, total | 868,560 | 639,000 | 153,067 | 0 | 68,153 | 188 | 4,444 | 0 | 3,092 | 616 |
| Bureau of the Census | 2,871 | 2,871 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Economic Development Admin | 1,500 | 30 | 600 | 0 | 0 | 0 | 870 | 0 | 0 | 0 |
| National Inst of Standards & Tech | 366,301 | 201,499 | 150,790 | 0 | 11,421 | 138 | 1,837 | 0 | 0 | 616 |
| Nat'l Oceanic & Atmospheric Admin | 493,143 | 429,855 | 1,677 | 0 | 56,732 | 50 | 1,737 | 0 | 3,092 | 0 |
| National Telecommunications & Information Administration | 4,745 | 4,745 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Defense, total | 3,861,536 | 1,365,977 | 1,344,594 | 9,050 | 968,057 | 68,771 | 77,689 | 14,032 | 0 | 13,366 |
| Department of the Army | 672,084 | 413,975 | 147,841 | 763 | 93,352 | 1,337 | 11,452 | 688 | 0 | 2,676 |
| Department of the Navy | 853,725 | 356,785 | 223,767 | 0 | 236,170 | 2,561 | 27,789 | 467 | 0 | 6,186 |
| Department of the Air Force | 872,575 | 425,636 | 263,545 | 747 | 158,506 | 4,610 | 12,503 | 5,360 | 0 | 1,668 |
| Defense Agencies, total | 1,463,152 | 169,581 | 709,441 | 7,540 | 480,029 | 60,263 | 25,945 | 7,517 | 0 | 2,836 |
| Ballistic Missile Defense Organization | 95,693 | 16,226 | 54,578 | 471 | 16,977 | 5,963 | 0 | 478 | 0 | 1,000 |
| Defense Advanced Research Projects Agency ⁷ | 796,699 | 48,952 | 488,043 | 2,294 | 203,250 | 25,912 | 23,877 | 3,702 | 0 | 669 |
| Defense Information Systems Agency | 1,849 | 1,849 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Logistics Agency | 7,785 | 7,785 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Nuclear Agency | 196,954 | 41,405 | 141,511 | 1,498 | 682 | 9,482 | 1,049 | 160 | 0 | 1,167 |
| Special Operations Command | 15,048 | 8,627 | 6,421 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington Headquarters Svcs ⁸ | 349,124 | 44,737 | 18,888 | 3,277 | 259,120 | 18,906 | 1,019 | 3,177 | 0 | 0 |
| Department of Education | 142,710 | 6,963 | 5,448 | 0 | 98,481 | 0 | 26,701 | 0 | 5,117 | 0 |
| Department of Energy | 3,575,140 | 251,942 | 276,079 | 770,198 | 533,090 | 1,534,190 | 49,561 | 138,590 | 7,426 | 14,064 |
| Dept of Health & Human Svcs, total | 10,768,129 | 2,188,721 | 492,058 | 202,290 | 6,132,461 | 20,415 | 1,551,779 | 19,972 | 119,160 | 41,273 |
| Admin for Children & Families | 17,522 | 351 | 0 | 0 | 15,419 | 0 | 1,752 | 0 | 0 | 0 |
| Agcy for Hlth Care Policy & Rsch | 77,000 | 18,715 | 16,320 | 0 | 26,811 | 0 | 15,154 | 0 | 0 | 0 |
| Centers for Disease Control & Prevention | 361,181 | 319,294 | 1,058 | 0 | 31,700 | 237 | 8,645 | 67 | 180 | 0 |
| Food & Drug Administration | 170,462 | 153,932 | 0 | 0 | 9,856 | 0 | 6,674 | 0 | 0 | 0 |
| Health Care Financing Admin | 55,310 | 51 | 29,724 | 0 | 6,605 | 0 | 10,173 | 0 | 8,463 | 294 |
| Health Resources & Services Admin | 11,668 | 2,091 | 0 | 0 | 7,116 | 0 | 2,461 | 0 | 0 | 0 |
| National Institutes of Health ⁹ | 10,065,986 | 1,690,787 | 442,956 | 202,290 | 6,032,954 | 20,178 | 1,505,420 | 19,905 | 110,517 | 40,979 |
| Office of the Secretary | 9,000 | 3,500 | 2,000 | 0 | 2,000 | 0 | 1,500 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table C-18. Preliminary Federal obligations for research, by agency and performer: fiscal year 1997

[Dollars in thousands]

Page 2 of 3

| Agency and subdivision | Total | Intra-mural ¹ | Extramural | | | | | | | |
|--|---------|--------------------------|-------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------|--|-----------------------|---------|
| | | | United States and territories | | | | | | | Foreign |
| | | | Indus-trial firms | FFRDCs admin by indus-trial firms | Univer-sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti-tutions | FFRDCs admin by non-profit insti-tutions | State and local govts | |
| Dept of Housing & Urban Dvlpmnt | 16,690 | 11,612 | 1,100 | 0 | 370 | 0 | 3,608 | 0 | 0 | 0 |
| Department of the Interior, total | 546,105 | 492,309 | 5,740 | 20 | 46,304 | 350 | 155 | 0 | 226 | 1,001 |
| Bureau of Reclamation | 5,730 | 5,655 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 |
| Geological Survey ¹⁰ | 498,959 | 469,259 | 1,420 | 0 | 28,280 | 0 | 0 | 0 | 0 | 0 |
| Minerals Management Service | 20,579 | 7,809 | 2,680 | 20 | 8,483 | 350 | 10 | 0 | 226 | 1,001 |
| National Park Service ¹¹ | 20,837 | 9,586 | 1,640 | 0 | 9,466 | 0 | 145 | 0 | 0 | 0 |
| Department of Justice, total | 35,211 | 5,876 | 500 | 0 | 5,375 | 0 | 22,160 | 0 | 1,300 | 0 |
| Bureau of Prisons | 1,900 | 1,900 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Drug Enforcement Administration | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Immigration & Naturalization Svc | 400 | 40 | 0 | 0 | 0 | 0 | 360 | 0 | 0 | 0 |
| Office of Justice Programs | 32,861 | 3,886 | 500 | 0 | 5,375 | 0 | 21,800 | 0 | 1,300 | 0 |
| Department of Labor, total | 23,770 | 17,070 | 5,566 | 0 | 150 | 0 | 984 | 0 | 0 | 0 |
| Bureau of Labor Statistics | 12,600 | 12,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Employment & Training Admin | 2,375 | 681 | 810 | 0 | 150 | 0 | 734 | 0 | 0 | 0 |
| Occupational Safety & Hlth Admin | 3,495 | 1,029 | 2,466 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of the Secretary | 2,918 | 1,918 | 750 | 0 | 0 | 0 | 250 | 0 | 0 | 0 |
| Pension Benefit Guaranty Corp | 54 | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pension & Welfare Benefits Admin | 2,328 | 788 | 1,540 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of State | 4,250 | 405 | 101 | 0 | 23 | 41 | 3,680 | 0 | 0 | 0 |
| Department of Transportation, total | 394,311 | 147,977 | 130,322 | 691 | 29,898 | 2,177 | 26,011 | 675 | 56,490 | 70 |
| Coast Guard | 4,944 | 3,370 | 1,274 | 0 | 300 | 0 | 0 | 0 | 0 | 0 |
| Federal Aviation Administration | 67,570 | 35,608 | 24,325 | 135 | 4,730 | 2,027 | 0 | 675 | 0 | 70 |
| Federal Highway Administration | 235,356 | 65,675 | 79,725 | 556 | 14,808 | 150 | 18,452 | 0 | 55,990 | 0 |
| Federal Railroad Administration | 23,495 | 14,451 | 2,450 | 0 | 1,510 | 0 | 5,084 | 0 | 0 | 0 |
| Federal Transit Administration | 5,802 | 1,102 | 500 | 0 | 2,400 | 0 | 1,300 | 0 | 500 | 0 |
| Maritime Administration | 2,006 | 454 | 1,227 | 0 | 150 | 0 | 175 | 0 | 0 | 0 |
| National Highway Traffic Safety Administration | 45,663 | 23,681 | 14,982 | 0 | 6,000 | 0 | 1,000 | 0 | 0 | 0 |
| Research & Special Programs Admin .. | 9,475 | 3,636 | 5,839 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Treasury, total | 53,901 | 38,370 | 950 | 0 | 32 | 49 | 0 | 14,500 | 0 | 0 |
| Bureau of Engraving & Printing | 1,173 | 1,124 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 |
| Internal Revenue Service | 50,830 | 36,298 | 0 | 0 | 32 | 0 | 0 | 14,500 | 0 | 0 |
| Office of Thrift Supervision | 583 | 583 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Customs Service | 700 | 70 | 630 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Secret Service ¹² | 615 | 295 | 320 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Veterans Affairs | 236,174 | 235,324 | 0 | 0 | 850 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table C-18. Preliminary Federal obligations for research, by agency and performer: fiscal year 1997

[Dollars in thousands]

Page 3 of 3

| Agency and subdivision | Total | Intra-mural ¹ | Extramural | | | | | | | |
|---|-----------|--------------------------|-------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------|--|-----------------------|---------|
| | | | United States and territories | | | | | | | Foreign |
| | | | Indus-trial firms | FFRDCs admin by indus-trial firms | Univer-sities and colleges | FFRDCs admin by univs and colleges | Other nonprofit insti-tutions | FFRDCs admin by non-profit insti-tutions | State and local govts | |
| Other agencies: | | | | | | | | | | |
| Appalachian Regional Commission | 900 | 100 | 100 | 0 | 700 | 0 | 0 | 0 | 0 | 0 |
| Environmental Protection Agency | 410,553 | 167,221 | 111,729 | 0 | 93,586 | 0 | 30,667 | 0 | 4,746 | 2,604 |
| Federal Communications Commission | 2,749 | 2,749 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Trade Commission | 1,034 | 1,034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| International Development Cooperation Agency, total | 172,740 | 19,573 | 9,569 | 0 | 12,446 | 0 | 111,202 | 0 | 0 | 19,950 |
| Agency for Internat'l Dvlpmnt | 172,740 | 19,573 | 9,569 | 0 | 12,446 | 0 | 111,202 | 0 | 0 | 19,950 |
| Library of Congress | 1,886 | 1,886 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Aeronautics & Space Admin | 4,240,540 | 1,060,135 | 2,099,209 | 0 | 587,589 | 346,847 | 127,469 | 1,896 | 2,267 | 15,128 |
| National Archives & Records Admin | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Science Foundation | 2,278,922 | 18,942 | 124,621 | 10 | 1,823,586 | 145,402 | 155,624 | 497 | 4,859 | 5,381 |
| Nuclear Regulatory Commission | 59,014 | 13,760 | 2,035 | 23,250 | 3,224 | 12,666 | 390 | 1,409 | 0 | 2,280 |
| Smithsonian Institution | 136,800 | 136,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Social Security Administration ¹³ | 27,698 | 1,075 | 23,866 | 0 | 2,045 | 0 | 690 | 0 | 22 | 0 |
| Tennessee Valley Authority | 14,182 | 14,182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| US Arms Control & Disarmament Agcy ... | 1,000 | 200 | 800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Information Agency | 136 | 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| US Internat'l Trade Commission | 12,511 | 12,511 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

³ The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

⁴ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.

⁵ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.

⁶ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.

⁷ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁸ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁹ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

¹⁰ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

¹¹ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

¹² The United States Secret Service was formerly listed as the Office of Protective Research.

¹³ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-19. Federal obligations for research, by detailed field of science and engineering: fiscal years 1995, 1996, and 1997

[Dollars in thousands]

Page 1 of 1

| Field of science and engineering | 1995 | Preliminary | |
|--|------------|-------------|------------|
| | | 1996 | 1997 |
| Total, all fields | 28,573,434 | 28,577,767 | 29,173,536 |
| Life sciences, total | 11,869,420 | 12,150,125 | 12,299,589 |
| Biological (excluding environmental) | 4,803,882 | NA | NA |
| Environmental biology | 891,524 | NA | NA |
| Agricultural | 733,152 | NA | NA |
| Medical | 5,004,566 | NA | NA |
| Life sciences, n.e.c. | 436,296 | NA | NA |
| Psychology, total | 620,786 | 641,334 | 650,244 |
| Biological aspects | 57,006 | NA | NA |
| Social aspects | 156,303 | NA | NA |
| Psychological sciences, n.e.c. | 407,477 | NA | NA |
| Physical sciences, total | 4,281,568 | 4,322,403 | 4,398,227 |
| Astronomy | 764,911 | NA | NA |
| Chemistry | 866,213 | NA | NA |
| Physics | 2,451,288 | NA | NA |
| Physical sciences, n.e.c. | 199,156 | NA | NA |
| Environmental sciences, total | 2,947,385 | 2,924,144 | 2,955,071 |
| Atmospheric | 1,176,125 | NA | NA |
| Geological | 864,200 | NA | NA |
| Oceanography | 424,026 | NA | NA |
| Environmental sciences, n.e.c. | 483,034 | NA | NA |
| Mathematics & computer sciences, total | 1,530,877 | 1,508,327 | 1,545,836 |
| Mathematics | 359,221 | NA | NA |
| Computer sciences | 961,877 | NA | NA |
| Mathematics & computer sciences, n.e.c. | 209,779 | NA | NA |
| Engineering, total | 5,740,088 | 5,508,544 | 5,707,682 |
| Aeronautical | 1,248,561 | NA | NA |
| Astronautical | 545,098 | NA | NA |
| Chemical | 250,407 | NA | NA |
| Civil | 340,442 | NA | NA |
| Electrical | 765,854 | NA | NA |
| Mechanical | 418,064 | NA | NA |
| Metallurgy & materials | 793,349 | NA | NA |
| Engineering, n.e.c. | 1,378,313 | NA | NA |
| Social sciences, total | 681,518 | 669,373 | 727,632 |
| Anthropology | 22,079 | NA | NA |
| Economics | 205,940 | NA | NA |
| Political science | 24,136 | NA | NA |
| Sociology | 48,509 | NA | NA |
| Social sciences, n.e.c. | 380,854 | NA | NA |
| Other sciences, n.e.c. | 901,792 | 853,517 | 889,255 |

NOTES: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.

KEY: NA = Not applicable (indicates that the data collected for this table were not recorded at that level in that particular fiscal year)
n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-20. Federal obligations for research, by agency and field of science and engineering:
fiscal year 1995**

[Dollars in thousands]

Page 1 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|---|------------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Total, all agencies | 28,573,434 | 11,869,420 | 620,786 | 4,281,568 | 2,947,385 | 1,530,877 | 5,740,088 | 681,518 | 901,792 |
| Departments: | | | | | | | | | |
| Department of Agriculture, total | 1,299,552 | 987,939 | 448 | 88,918 | 13,421 | 17,880 | 69,431 | 117,789 | 3,726 |
| Agricultural Marketing Service | 4,180 | 4,180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agricultural Research Service ¹ | 628,608 | 556,750 | 0 | 55,242 | 4,302 | 2,685 | 9,629 | 0 | 0 |
| Cooperative State Research, Education, & Extension Service ² | 417,712 | 312,446 | 0 | 25,875 | 3,113 | 0 | 27,274 | 49,004 | 0 |
| Economic Research Service | 53,827 | 0 | 0 | 0 | 0 | 0 | 0 | 53,827 | 0 |
| Foreign Agricultural Service ³ | 457 | 457 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forest Service | 187,704 | 112,622 | 448 | 7,801 | 6,006 | 11,176 | 32,528 | 13,397 | 3,726 |
| Grain Inspection Packers & Stockyards Administration ⁴ | 1,484 | 1,484 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nat'l Agricultural Statistics Svc | 4,019 | 0 | 0 | 0 | 0 | 4,019 | 0 | 0 | 0 |
| Rural Business-Cooperative Svc ⁵ | 1,561 | 0 | 0 | 0 | 0 | 0 | 0 | 1,561 | 0 |
| Department of Commerce, total | 892,318 | 150,587 | 287 | 102,683 | 290,811 | 102,369 | 189,311 | 18,827 | 37,443 |
| Bureau of the Census | 2,930 | 0 | 287 | 0 | 0 | 1,902 | 0 | 678 | 63 |
| Economic Development Admin | 521 | 0 | 0 | 0 | 0 | 0 | 0 | 521 | 0 |
| National Inst of Standards & Tech | 372,091 | 33,546 | 0 | 81,242 | 440 | 83,165 | 173,515 | 183 | 0 |
| Nat'l Oceanic & Atmospheric Admin | 510,362 | 117,041 | 0 | 21,441 | 290,371 | 17,302 | 9,413 | 17,445 | 37,349 |
| National Telecommunications & Information Administration | 6,383 | 0 | 0 | 0 | 0 | 0 | 6,383 | 0 | 0 |
| Office of the Secretary | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| Department of Defense, total | 4,333,934 | 421,754 | 117,477 | 561,036 | 347,907 | 695,377 | 2,057,848 | 488 | 132,047 |
| Department of the Army | 852,063 | 184,217 | 15,163 | 97,521 | 51,000 | 100,247 | 395,506 | 488 | 7,921 |
| Department of the Navy | 879,952 | 52,425 | 31,909 | 202,154 | 116,437 | 60,472 | 402,327 | 0 | 14,228 |
| Department of the Air Force | 834,459 | 72,726 | 58,983 | 149,741 | 30,706 | 109,006 | 404,965 | 0 | 8,332 |
| Defense Agencies, total | 1,767,460 | 112,386 | 11,422 | 111,620 | 149,764 | 425,652 | 855,050 | 0 | 101,566 |
| Ballistic Missile Defense Organization | 104,553 | 0 | 0 | 18,450 | 4,553 | 23,501 | 54,749 | 0 | 3,300 |
| Defense Advanced Research Projects Agency ⁶ | 921,404 | 0 | 0 | 10,168 | 23,844 | 354,899 | 522,571 | 0 | 9,922 |
| Defense Information Systems Agency | 1,717 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,717 |
| Defense Logistics Agency | 7,062 | 0 | 7,062 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Nuclear Agency | 209,033 | 4,411 | 0 | 46,189 | 12,490 | 2,838 | 57,480 | 0 | 85,625 |
| Special Operations Command | 39,913 | 1,218 | 0 | 0 | 0 | 0 | 37,693 | 0 | 1,002 |
| Washington Headquarters Svcs ⁷ | 483,778 | 106,757 | 4,360 | 36,813 | 108,877 | 44,414 | 182,557 | 0 | 0 |
| Department of Education | 138,352 | 13,412 | 3,688 | 0 | 0 | 1,229 | 5,737 | 114,286 | 0 |
| Department of Energy | 3,459,934 | 256,121 | 0 | 1,799,182 | 382,213 | 223,195 | 735,085 | 500 | 63,638 |
| Dept of Health & Human Svcs, total | 10,075,950 | 8,651,148 | 410,659 | 155,685 | 23,853 | 68,945 | 135,683 | 171,728 | 458,249 |
| Administration on Aging | 3,000 | 0 | 0 | 0 | 0 | 0 | 0 | 3,000 | 0 |
| Admin for Children & Families | 11,200 | 0 | 0 | 0 | 0 | 0 | 0 | 11,200 | 0 |
| Agcy for Hlth Care Policy & Rsch | 124,000 | 57,864 | 1,116 | 0 | 0 | 10,764 | 0 | 22,245 | 32,011 |
| Centers for Disease Control & Prevention | 317,385 | 317,385 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Food & Drug Administration | 170,462 | 170,462 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health Care Financing Admin | 74,537 | 74,537 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health Resources & Services Admin | 12,211 | 12,211 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Institutes of Health ⁸ | 9,333,602 | 8,018,689 | 409,543 | 155,685 | 23,853 | 58,181 | 135,683 | 105,730 | 426,238 |
| Office of the Secretary | 9,121 | 0 | 0 | 0 | 0 | 0 | 0 | 9,121 | 0 |
| Social Security Administration ⁹ | 20,432 | 0 | 0 | 0 | 0 | 0 | 0 | 20,432 | 0 |

See explanatory information, if any, and SOURCE at end of table.

**Table C-20. Federal obligations for research, by agency and field of science and engineering:
fiscal year 1995**

[Dollars in thousands]

Page 2 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|--|---------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Dept of Housing & Urban Dvlpmt | 14,180 | 0 | 0 | 0 | 156 | 31 | 750 | 10,619 | 2,624 |
| Department of the Interior, total | 532,436 | 145,340 | 0 | 38,643 | 293,845 | 18,139 | 21,475 | 14,327 | 667 |
| Bureau of Reclamation | 5,997 | 0 | 0 | 0 | 0 | 0 | 5,997 | 0 | 0 |
| Geological Survey ¹⁰ | 347,897 | 2,826 | 0 | 38,113 | 278,827 | 16,609 | 11,198 | 324 | 0 |
| Minerals Management Service | 20,010 | 4 | 0 | 0 | 12,971 | 1,319 | 3,817 | 1,899 | 0 |
| National Biological Service ^{11 10} | 138,810 | 138,810 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Park Service ¹¹ | 19,722 | 3,700 | 0 | 530 | 2,047 | 211 | 463 | 12,104 | 667 |
| Department of Justice, total | 25,828 | 750 | 2,059 | 900 | 0 | 0 | 400 | 18,874 | 2,845 |
| Bureau of Prisons | 3,249 | 0 | 532 | 0 | 0 | 0 | 0 | 2,717 | 0 |
| Immigration & Naturalization Svc | 400 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 |
| Office of Justice Programs | 22,179 | 750 | 1,527 | 900 | 0 | 0 | 0 | 16,157 | 2,845 |
| Department of Labor, total | 28,248 | 0 | 0 | 0 | 0 | 0 | 0 | 28,248 | 0 |
| Bureau of Labor Statistics | 13,100 | 0 | 0 | 0 | 0 | 0 | 0 | 13,100 | 0 |
| Employment & Training Admin | 4,206 | 0 | 0 | 0 | 0 | 0 | 0 | 4,206 | 0 |
| Occupational Safety & Hlth Admin | 4,370 | 0 | 0 | 0 | 0 | 0 | 0 | 4,370 | 0 |
| Office of the Secretary | 2,872 | 0 | 0 | 0 | 0 | 0 | 0 | 2,872 | 0 |
| Pension Benefit Guaranty Corp | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 0 |
| Pension & Welfare Benefits Admin | 3,598 | 0 | 0 | 0 | 0 | 0 | 0 | 3,598 | 0 |
| Department of State | 5,010 | 0 | 0 | 0 | 0 | 0 | 0 | 5,010 | 0 |
| Department of Transportation, total | 370,746 | 5,773 | 34,927 | 1,389 | 6,717 | 90,247 | 196,746 | 15,784 | 19,163 |
| Coast Guard | 4,930 | 0 | 590 | 0 | 581 | 1,315 | 2,444 | 0 | 0 |
| Federal Aviation Administration | 83,291 | 0 | 30,680 | 1,189 | 1,524 | 0 | 48,539 | 0 | 1,359 |
| Federal Highway Administration | 203,148 | 233 | 3,657 | 0 | 4,412 | 77,336 | 93,511 | 6,195 | 17,804 |
| Federal Railroad Administration | 22,545 | 0 | 0 | 0 | 0 | 504 | 22,041 | 0 | 0 |
| Federal Transit Administration | 10,866 | 0 | 0 | 0 | 25 | 684 | 4,678 | 5,479 | 0 |
| Maritime Administration | 2,450 | 0 | 0 | 0 | 125 | 0 | 2,163 | 162 | 0 |
| National Highway Traffic Safety Administration | 39,707 | 5,540 | 0 | 0 | 0 | 9,128 | 21,306 | 3,733 | 0 |
| Office of the Secretary | 590 | 0 | 0 | 0 | 50 | 0 | 525 | 15 | 0 |
| Research & Special Programs Admin .. | 3,219 | 0 | 0 | 200 | 0 | 1,280 | 1,539 | 200 | 0 |
| Department of the Treasury, total | 48,928 | 633 | 394 | 1,226 | 0 | 17,430 | 98 | 29,147 | 0 |
| Bureau of Engraving & Printing | 1,324 | 0 | 0 | 1,226 | 0 | 0 | 98 | 0 | 0 |
| Internal Revenue Service | 45,797 | 0 | 0 | 0 | 0 | 17,200 | 0 | 28,597 | 0 |
| Office of Thrift Supervision | 550 | 0 | 0 | 0 | 0 | 0 | 0 | 550 | 0 |
| United States Customs Service | 710 | 480 | 0 | 0 | 0 | 230 | 0 | 0 | 0 |
| United States Secret Service ¹² | 547 | 153 | 394 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Veterans Affairs | 218,806 | 202,124 | 16,491 | 0 | 0 | 0 | 191 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

**Table C-20. Federal obligations for research, by agency and field of science and engineering:
fiscal year 1995**

[Dollars in thousands]

Page 3 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|--|-----------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Other agencies: | | | | | | | | | |
| Advisory Commission on Intergovernmental Relations | 1,413 | 0 | 0 | 0 | 0 | 0 | 0 | 1,413 | 0 |
| Appalachian Regional Commission | 900 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 0 |
| Environmental Protection Agency | 401,627 | 111,029 | 0 | 0 | 171,874 | 0 | 118,724 | 0 | 0 |
| Federal Communications Commission | 2,268 | 0 | 0 | 80 | 0 | 128 | 1,531 | 529 | 0 |
| Federal Trade Commission | 564 | 0 | 0 | 0 | 0 | 0 | 0 | 564 | 0 |
| International Development Cooperation | | | | | | | | | |
| Agency, total | 272,679 | 262,288 | 0 | 0 | 0 | 0 | 0 | 7,844 | 2,547 |
| Agency for Internat'l Dvlpmnt | 272,679 | 262,288 | 0 | 0 | 0 | 0 | 0 | 7,844 | 2,547 |
| Library of Congress | 2,106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,106 |
| Nat'l Aeronautics & Space Admin ¹³ | 4,046,089 | 262,196 | 19,041 | 1,001,190 | 972,418 | 78,916 | 1,683,770 | 364 | 28,194 |
| National Archives & Records Admin | 120 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 |
| National Science Foundation | 2,149,277 | 341,040 | 15,315 | 485,798 | 437,742 | 216,856 | 432,432 | 79,478 | 140,616 |
| Nuclear Regulatory Commission | 88,212 | 0 | 0 | 0 | 0 | 0 | 88,212 | 0 | 0 |
| Smithsonian Institution | 124,000 | 46,637 | 0 | 38,417 | 5,486 | 0 | 0 | 31,977 | 1,483 |
| Tennessee Valley Authority | 26,370 | 10,599 | 0 | 5,785 | 942 | 0 | 2,325 | 475 | 6,244 |
| US Arms Control & Disarmament Agcy ... | 1,146 | 50 | 0 | 516 | 0 | 135 | 50 | 195 | 200 |
| United States Information Agency | 289 | 0 | 0 | 0 | 0 | 0 | 289 | 0 | 0 |
| US Internat'l Trade Commission | 12,152 | 0 | 0 | 0 | 0 | 0 | 0 | 12,152 | 0 |

- ¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- ³ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- ⁴ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- ⁵ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- ⁶ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.
- ⁷ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- ⁸ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ⁹ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- ¹⁰ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- ¹¹ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- ¹² The United States Secret Service was formerly listed as the Office of Protective Research.
- ¹³ The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-21. Preliminary Federal obligations for research, by agency and field of science and engineering: fiscal year 1996

[Dollars in thousands]

Page 1 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|---|------------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Total, all agencies | 28,577,767 | 12,150,125 | 641,334 | 4,322,403 | 2,924,144 | 1,508,327 | 5,508,544 | 669,373 | 853,517 |
| Departments: | | | | | | | | | |
| Department of Agriculture, total | 1,272,091 | 962,375 | 412 | 94,283 | 13,216 | 16,850 | 67,069 | 114,460 | 3,426 |
| Agricultural Marketing Service | 4,237 | 4,237 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agricultural Research Service ¹ | 626,394 | 546,521 | 0 | 62,037 | 4,695 | 2,682 | 10,459 | 0 | 0 |
| Cooperative State Research, Education, & Extension Service ² | 406,163 | 303,803 | 0 | 25,069 | 2,997 | 0 | 26,689 | 47,605 | 0 |
| Economic Research Service | 53,131 | 0 | 0 | 0 | 0 | 0 | 0 | 53,131 | 0 |
| Foreign Agricultural Service ³ | 1,422 | 1,422 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forest Service | 172,660 | 103,595 | 412 | 7,177 | 5,524 | 10,281 | 29,921 | 12,324 | 3,426 |
| Grain Inspection Packers & Stockyards Administration ⁴ | 2,797 | 2,797 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nat'l Agricultural Statistics Svc | 3,887 | 0 | 0 | 0 | 0 | 3,887 | 0 | 0 | 0 |
| Rural Business-Cooperative Svc ⁵ | 1,400 | 0 | 0 | 0 | 0 | 0 | 0 | 1,400 | 0 |
| Department of Commerce, total | 898,041 | 156,062 | 281 | 106,584 | 260,355 | 112,120 | 204,367 | 19,285 | 38,987 |
| Bureau of the Census | 2,871 | 0 | 281 | 0 | 0 | 1,864 | 0 | 664 | 62 |
| Economic Development Admin | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 500 | 0 |
| National Inst of Standards & Tech | 409,012 | 39,346 | 0 | 86,123 | 482 | 92,267 | 190,585 | 209 | 0 |
| Nat'l Oceanic & Atmospheric Admin | 481,151 | 116,716 | 0 | 20,461 | 259,873 | 17,989 | 9,303 | 17,912 | 38,897 |
| National Telecommunications & Information Administration | 4,479 | 0 | 0 | 0 | 0 | 0 | 4,479 | 0 | 0 |
| Office of the Secretary | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| Department of Defense, total | 3,948,430 | 324,112 | 124,454 | 563,050 | 262,676 | 674,007 | 1,884,434 | 1,786 | 113,911 |
| Department of the Army | 649,059 | 100,196 | 12,551 | 68,810 | 34,819 | 84,023 | 346,366 | 368 | 1,926 |
| Department of the Navy | 941,521 | 47,377 | 32,438 | 223,463 | 110,994 | 60,049 | 450,190 | 0 | 17,010 |
| Department of the Air Force | 881,924 | 79,911 | 63,566 | 150,264 | 33,360 | 98,495 | 455,237 | 0 | 1,091 |
| Defense Agencies, total | 1,475,926 | 96,628 | 15,899 | 120,513 | 83,503 | 431,440 | 632,641 | 1,418 | 93,884 |
| Ballistic Missile Defense Organization | 82,496 | 0 | 0 | 26,787 | 0 | 21,536 | 34,173 | 0 | 0 |
| Defense Advanced Research Projects Agency ⁶ | 777,597 | 0 | 0 | 4,901 | 18,880 | 299,744 | 436,728 | 0 | 17,344 |
| Defense Information Systems Agency | 1,455 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,455 |
| Defense Logistics Agency | 7,981 | 0 | 7,981 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Nuclear Agency | 168,417 | 2,688 | 0 | 37,149 | 2,841 | 1,847 | 49,355 | 0 | 74,537 |
| Special Operations Command | 21,787 | 664 | 0 | 0 | 0 | 0 | 20,575 | 0 | 548 |
| Washington Headquarters Svcs ⁷ | 416,193 | 93,276 | 7,918 | 51,676 | 61,782 | 108,313 | 91,810 | 1,418 | 0 |
| Department of Education | 141,623 | 13,029 | 3,278 | 0 | 0 | 819 | 6,556 | 117,941 | 0 |
| Department of Energy | 3,299,377 | 244,015 | 0 | 1,754,405 | 426,495 | 219,544 | 627,230 | 621 | 27,067 |
| Dept of Health & Human Svcs, total | 10,524,585 | 9,083,526 | 433,373 | 165,148 | 24,948 | 66,772 | 143,750 | 139,983 | 467,085 |
| Administration on Aging | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 171 | 0 |
| Admin for Children & Families | 8,300 | 0 | 0 | 0 | 0 | 0 | 0 | 8,300 | 0 |
| Agcy for Hlth Care Policy & Rsch | 59,000 | 27,730 | 0 | 0 | 0 | 5,310 | 0 | 10,620 | 15,340 |
| Centers for Disease Control & Prevention | 323,181 | 323,181 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Food & Drug Administration | 170,462 | 170,462 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health Care Financing Admin | 54,500 | 54,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health Resources & Services Admin | 11,763 | 11,763 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Institutes of Health ⁸ | 9,888,208 | 8,495,890 | 433,373 | 165,148 | 24,948 | 61,462 | 143,750 | 111,892 | 451,745 |
| Office of the Secretary | 9,000 | 0 | 0 | 0 | 0 | 0 | 0 | 9,000 | 0 |

See explanatory information, if any, and SOURCE at end of table.

**Table C-21. Preliminary Federal obligations for research, by agency and field of science and engineering:
fiscal year 1996**

[Dollars in thousands]

Page 2 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|--|---------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Dept of Housing & Urban Dvlpmnt | 12,162 | 0 | 0 | 0 | 111 | 265 | 253 | 10,855 | 678 |
| Department of the Interior, total | 539,603 | 133,517 | 0 | 40,117 | 311,898 | 18,166 | 20,815 | 14,423 | 667 |
| Bureau of Reclamation | 4,523 | 0 | 0 | 0 | 0 | 0 | 4,523 | 0 | 0 |
| Geological Survey ⁹ | 494,529 | 129,778 | 0 | 39,714 | 295,945 | 17,138 | 11,623 | 331 | 0 |
| Minerals Management Service | 20,774 | 39 | 0 | 0 | 13,906 | 817 | 4,206 | 1,806 | 0 |
| National Park Service ¹⁰ | 19,777 | 3,700 | 0 | 403 | 2,047 | 211 | 463 | 12,286 | 667 |
| Department of Justice, total | 27,219 | 1,000 | 1,975 | 1,000 | 0 | 0 | 400 | 20,249 | 2,595 |
| Bureau of Prisons | 1,900 | 0 | 475 | 0 | 0 | 0 | 0 | 1,425 | 0 |
| Drug Enforcement Administration | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| Immigration & Naturalization Svc | 400 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 |
| Office of Justice Programs | 24,874 | 1,000 | 1,500 | 1,000 | 0 | 0 | 0 | 18,824 | 2,550 |
| Department of Labor, total | 24,687 | 0 | 0 | 0 | 0 | 0 | 0 | 24,687 | 0 |
| Bureau of Labor Statistics | 13,300 | 0 | 0 | 0 | 0 | 0 | 0 | 13,300 | 0 |
| Employment & Training Admin | 3,023 | 0 | 0 | 0 | 0 | 0 | 0 | 3,023 | 0 |
| Occupational Safety & Hlth Admin | 3,175 | 0 | 0 | 0 | 0 | 0 | 0 | 3,175 | 0 |
| Office of the Secretary | 2,871 | 0 | 0 | 0 | 0 | 0 | 0 | 2,871 | 0 |
| Pension Benefit Guaranty Corp | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 0 |
| Pension & Welfare Benefits Admin | 2,265 | 0 | 0 | 0 | 0 | 0 | 0 | 2,265 | 0 |
| Department of State | 4,250 | 0 | 0 | 0 | 0 | 0 | 0 | 4,250 | 0 |
| Department of Transportation, total | 333,972 | 8,484 | 24,621 | 1,400 | 6,033 | 85,504 | 177,196 | 11,914 | 18,820 |
| Coast Guard | 5,010 | 0 | 673 | 0 | 673 | 1,248 | 2,416 | 0 | 0 |
| Federal Aviation Administration | 60,373 | 2,500 | 23,731 | 1,000 | 865 | 0 | 31,797 | 0 | 480 |
| Federal Highway Administration | 198,126 | 624 | 217 | 0 | 4,495 | 73,642 | 93,922 | 6,886 | 18,340 |
| Federal Railroad Administration | 19,913 | 0 | 0 | 0 | 0 | 314 | 19,599 | 0 | 0 |
| Federal Transit Administration | 5,515 | 0 | 0 | 0 | 0 | 389 | 4,602 | 524 | 0 |
| National Highway Traffic Safety Administration | 38,185 | 5,360 | 0 | 0 | 0 | 8,561 | 20,160 | 4,104 | 0 |
| Research & Special Programs Admin .. | 6,850 | 0 | 0 | 400 | 0 | 1,350 | 4,700 | 400 | 0 |
| Department of the Treasury, total | 50,262 | 160 | 424 | 1,934 | 0 | 14,500 | 2 | 33,242 | 0 |
| Bureau of Engraving & Printing | 1,276 | 0 | 0 | 1,274 | 0 | 0 | 2 | 0 | 0 |
| Internal Revenue Service | 47,196 | 0 | 0 | 0 | 0 | 14,500 | 0 | 32,696 | 0 |
| Office of Thrift Supervision | 546 | 0 | 0 | 0 | 0 | 0 | 0 | 546 | 0 |
| United States Customs Service | 660 | 0 | 0 | 660 | 0 | 0 | 0 | 0 | 0 |
| United States Secret Service ¹¹ | 584 | 160 | 424 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Veterans Affairs | 253,813 | 236,952 | 16,656 | 0 | 0 | 0 | 205 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table C-21. Preliminary Federal obligations for research, by agency and field of science and engineering: fiscal year 1996

[Dollars in thousands]

Page 3 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|--|-----------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Other agencies: | | | | | | | | | |
| Advisory Commission on Intergovernmental Relations | 1,402 | 0 | 0 | 0 | 0 | 0 | 0 | 1,402 | 0 |
| Appalachian Regional Commission | 900 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 0 |
| Environmental Protection Agency | 352,170 | 97,368 | 0 | 0 | 150,704 | 0 | 104,098 | 0 | 0 |
| Federal Communications Commission | 2,819 | 0 | 0 | 85 | 0 | 160 | 1,457 | 1,117 | 0 |
| Federal Trade Commission | 981 | 0 | 0 | 0 | 0 | 0 | 0 | 981 | 0 |
| International Development Cooperation | | | | | | | | | |
| Agency, total | 226,749 | 210,039 | 0 | 0 | 0 | 0 | 0 | 14,863 | 1,847 |
| Agency for Internat'l Dvlprmt | 226,749 | 210,039 | 0 | 0 | 0 | 0 | 0 | 14,863 | 1,847 |
| Library of Congress | 1,827 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,827 |
| Nat'l Aeronautics & Space Admin ¹² | 4,281,576 | 277,451 | 20,148 | 1,059,462 | 1,029,015 | 83,508 | 1,781,767 | 370 | 29,855 |
| National Archives & Records Admin | 120 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 |
| National Science Foundation | 2,141,712 | 339,468 | 15,712 | 492,254 | 431,815 | 216,112 | 426,889 | 80,643 | 138,819 |
| Nuclear Regulatory Commission | 59,184 | 0 | 0 | 0 | 0 | 0 | 59,184 | 0 | 0 |
| Smithsonian Institution | 125,400 | 48,915 | 0 | 35,426 | 5,775 | 0 | 0 | 33,679 | 1,605 |
| Social Security Administration ¹³ | 8,292 | 0 | 0 | 0 | 0 | 0 | 0 | 8,292 | 0 |
| Tennessee Valley Authority | 31,130 | 13,652 | 0 | 6,795 | 1,103 | 0 | 2,722 | 555 | 6,303 |
| US Arms Control & Disarmament Agcy ... | 545 | 0 | 0 | 340 | 0 | 0 | 0 | 180 | 25 |
| United States Information Agency | 150 | 0 | 0 | 0 | 0 | 0 | 150 | 0 | 0 |
| US Internat'l Trade Commission | 12,695 | 0 | 0 | 0 | 0 | 0 | 0 | 12,695 | 0 |

- 1 The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- 2 The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- 3 The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- 4 The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- 5 This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- 6 This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.
- 7 Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- 8 Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- 9 As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- 10 The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- 11 The United States Secret Service was formerly listed as the Office of Protective Research.
- 12 The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.
- 13 As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-22. Preliminary Federal obligations for research, by agency and field of science and engineering:
fiscal year 1997**

[Dollars in thousands]

Page 1 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|---|------------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Total, all agencies | 29,173,536 | 12,299,589 | 650,244 | 4,398,227 | 2,955,071 | 1,545,836 | 5,707,682 | 727,632 | 889,255 |
| Departments: | | | | | | | | | |
| Department of Agriculture, total | 1,286,264 | 987,049 | 417 | 92,878 | 12,592 | 17,007 | 61,804 | 111,057 | 3,460 |
| Agricultural Marketing Service | 4,271 | 4,271 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agricultural Research Service ¹ | 640,888 | 561,015 | 0 | 62,037 | 4,695 | 2,682 | 10,459 | 0 | 0 |
| Cooperative State Research, Education, & Extension Service ² | 402,172 | 312,877 | 0 | 23,592 | 2,317 | 0 | 21,125 | 42,261 | 0 |
| Economic Research Service | 54,947 | 0 | 0 | 0 | 0 | 0 | 0 | 54,947 | 0 |
| Foreign Agricultural Service ³ | 1,422 | 1,422 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forest Service | 174,393 | 104,634 | 417 | 7,249 | 5,580 | 10,384 | 30,220 | 12,449 | 3,460 |
| Grain Inspection Packers & Stockyards Administration ⁴ | 2,830 | 2,830 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nat'l Agricultural Statistics Svc | 3,941 | 0 | 0 | 0 | 0 | 3,941 | 0 | 0 | 0 |
| Rural Business-Cooperative Svc ⁵ | 1,400 | 0 | 0 | 0 | 0 | 0 | 0 | 1,400 | 0 |
| Department of Commerce, total | 868,560 | 144,264 | 281 | 107,643 | 270,829 | 100,783 | 182,120 | 21,087 | 41,553 |
| Bureau of the Census | 2,871 | 0 | 281 | 0 | 0 | 1,864 | 0 | 664 | 62 |
| Economic Development Admin | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 1,500 | 0 |
| National Inst of Standards & Tech | 366,301 | 30,393 | 0 | 87,309 | 491 | 79,847 | 168,049 | 212 | 0 |
| Nat'l Oceanic & Atmospheric Admin | 493,143 | 113,871 | 0 | 20,334 | 270,338 | 19,072 | 9,326 | 18,711 | 41,491 |
| National Telecommunications & Information Administration | 4,745 | 0 | 0 | 0 | 0 | 0 | 4,745 | 0 | 0 |
| Department of Defense, total | 3,861,536 | 292,950 | 125,685 | 533,816 | 228,821 | 652,399 | 1,906,136 | 3,909 | 117,820 |
| Department of the Army | 672,084 | 98,817 | 14,620 | 70,583 | 35,756 | 95,012 | 350,919 | 1,260 | 5,117 |
| Department of the Navy | 853,725 | 44,332 | 30,072 | 199,395 | 111,131 | 58,165 | 393,996 | 0 | 16,634 |
| Department of the Air Force | 872,575 | 86,212 | 65,280 | 149,974 | 20,747 | 90,515 | 458,706 | 0 | 1,141 |
| Defense Agencies, total | 1,463,152 | 63,589 | 15,713 | 113,864 | 61,187 | 408,707 | 702,515 | 2,649 | 94,928 |
| Ballistic Missile Defense Organization | 95,693 | 0 | 0 | 37,234 | 0 | 24,800 | 33,659 | 0 | 0 |
| Defense Advanced Research Projects Agency ⁶ | 796,699 | 0 | 0 | 2,246 | 0 | 318,739 | 466,786 | 0 | 8,928 |
| Defense Information Systems Agency | 1,849 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,849 |
| Defense Logistics Agency | 7,785 | 0 | 7,785 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Nuclear Agency | 196,954 | 4,032 | 0 | 42,995 | 1,910 | 2,247 | 61,997 | 0 | 83,773 |
| Special Operations Command | 15,048 | 459 | 0 | 0 | 0 | 0 | 14,211 | 0 | 378 |
| Washington Headquarters Svcs ⁷ | 349,124 | 59,098 | 7,928 | 31,389 | 59,277 | 62,921 | 125,862 | 2,649 | 0 |
| Department of Education | 142,710 | 12,186 | 3,331 | 0 | 0 | 833 | 6,663 | 119,697 | 0 |
| Department of Energy | 3,575,140 | 238,358 | 0 | 1,840,193 | 438,447 | 246,689 | 777,543 | 553 | 33,357 |
| Dept of Health & Human Svcs, total | 10,768,129 | 9,283,484 | 441,146 | 168,127 | 25,395 | 69,494 | 146,336 | 154,281 | 479,866 |
| Admin for Children & Families | 17,522 | 0 | 0 | 0 | 0 | 0 | 0 | 17,522 | 0 |
| Agcy for Hlth Care Policy & Rsch | 77,000 | 36,190 | 0 | 0 | 0 | 6,930 | 0 | 13,860 | 20,020 |
| Centers for Disease Control & Prevention | 361,181 | 361,181 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Food & Drug Administration | 170,462 | 170,462 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health Care Financing Admin | 55,310 | 55,310 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health Resources & Services Admin | 11,668 | 11,668 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Institutes of Health ⁸ | 10,065,986 | 8,648,673 | 441,146 | 168,127 | 25,395 | 62,564 | 146,336 | 113,899 | 459,846 |
| Office of the Secretary | 9,000 | 0 | 0 | 0 | 0 | 0 | 0 | 9,000 | 0 |

See explanatory information, if any, and SOURCE at end of table.

**Table C-22. Preliminary Federal obligations for research, by agency and field of science and engineering:
fiscal year 1997**

[Dollars in thousands]

Page 2 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|--|---------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Dept of Housing & Urban Dvlpmnt | 16,690 | 0 | 0 | 0 | 133 | 136 | 296 | 14,935 | 1,190 |
| Department of the Interior, total | 546,105 | 140,649 | 0 | 39,534 | 310,004 | 18,247 | 21,631 | 15,373 | 667 |
| Bureau of Reclamation | 5,730 | 0 | 0 | 0 | 0 | 0 | 5,730 | 0 | 0 |
| Geological Survey ⁹ | 498,959 | 136,910 | 0 | 38,984 | 293,977 | 17,215 | 11,514 | 359 | 0 |
| Minerals Management Service | 20,579 | 39 | 0 | 0 | 13,980 | 821 | 3,924 | 1,815 | 0 |
| National Park Service ¹⁰ | 20,837 | 3,700 | 0 | 550 | 2,047 | 211 | 463 | 13,199 | 667 |
| Department of Justice, total | 35,211 | 1,000 | 1,475 | 1,000 | 0 | 0 | 400 | 30,002 | 1,334 |
| Bureau of Prisons | 1,900 | 0 | 475 | 0 | 0 | 0 | 0 | 1,425 | 0 |
| Drug Enforcement Administration | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| Immigration & Naturalization Svc | 400 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 |
| Office of Justice Programs | 32,861 | 1,000 | 1,000 | 1,000 | 0 | 0 | 0 | 28,577 | 1,284 |
| Department of Labor, total | 23,770 | 0 | 0 | 0 | 0 | 0 | 0 | 23,570 | 200 |
| Bureau of Labor Statistics | 12,600 | 0 | 0 | 0 | 0 | 0 | 0 | 12,600 | 0 |
| Employment & Training Admin | 2,375 | 0 | 0 | 0 | 0 | 0 | 0 | 2,375 | 0 |
| Occupational Safety & Hlth Admin | 3,495 | 0 | 0 | 0 | 0 | 0 | 0 | 3,495 | 0 |
| Office of the Secretary | 2,918 | 0 | 0 | 0 | 0 | 0 | 0 | 2,718 | 200 |
| Pension Benefit Guaranty Corp | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 0 |
| Pension & Welfare Benefits Admin | 2,328 | 0 | 0 | 0 | 0 | 0 | 0 | 2,328 | 0 |
| Department of State | 4,250 | 0 | 0 | 0 | 0 | 0 | 0 | 4,250 | 0 |
| Department of Transportation, total | 394,311 | 12,307 | 25,308 | 2,558 | 7,341 | 112,962 | 194,662 | 12,125 | 27,048 |
| Coast Guard | 4,944 | 0 | 618 | 0 | 610 | 1,208 | 2,508 | 0 | 0 |
| Federal Aviation Administration | 67,570 | 4,178 | 24,543 | 2,258 | 1,696 | 0 | 28,711 | 0 | 6,184 |
| Federal Highway Administration | 235,356 | 719 | 147 | 0 | 4,950 | 99,715 | 102,623 | 6,338 | 20,864 |
| Federal Railroad Administration | 23,495 | 0 | 0 | 0 | 0 | 100 | 23,395 | 0 | 0 |
| Federal Transit Administration | 5,802 | 0 | 0 | 0 | 0 | 113 | 5,120 | 569 | 0 |
| Maritime Administration | 2,006 | 0 | 0 | 0 | 85 | 0 | 1,836 | 85 | 0 |
| National Highway Traffic Safety Administration | 45,663 | 7,410 | 0 | 0 | 0 | 10,376 | 23,044 | 4,833 | 0 |
| Research & Special Programs Admin .. | 9,475 | 0 | 0 | 300 | 0 | 1,450 | 7,425 | 300 | 0 |
| Department of the Treasury, total | 53,901 | 510 | 455 | 1,423 | 0 | 14,500 | 100 | 36,913 | 0 |
| Bureau of Engraving & Printing | 1,173 | 0 | 0 | 1,073 | 0 | 0 | 100 | 0 | 0 |
| Internal Revenue Service | 50,830 | 0 | 0 | 0 | 0 | 14,500 | 0 | 36,330 | 0 |
| Office of Thrift Supervision | 583 | 0 | 0 | 0 | 0 | 0 | 0 | 583 | 0 |
| United States Customs Service | 700 | 350 | 0 | 350 | 0 | 0 | 0 | 0 | 0 |
| United States Secret Service ¹¹ | 615 | 160 | 455 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Veterans Affairs | 236,174 | 220,354 | 15,620 | 0 | 0 | 0 | 200 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table C-22. Preliminary Federal obligations for research, by agency and field of science and engineering: fiscal year 1997

[Dollars in thousands]

Page 3 of 3

| Agency and subdivision | Total | Life sciences | Psychology | Physical sciences | Environmental sciences | Mathematics and computer sciences | Engineering | Social sciences | Other sciences, n.e.c. |
|---|-----------|---------------|------------|-------------------|------------------------|-----------------------------------|-------------|-----------------|------------------------|
| Other agencies: | | | | | | | | | |
| Appalachian Regional Commission | 900 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 0 |
| Environmental Protection Agency | 410,553 | 113,510 | 0 | 0 | 175,688 | 0 | 121,355 | 0 | 0 |
| Federal Communications Commission | 2,749 | 0 | 0 | 90 | 0 | 142 | 1,485 | 1,032 | 0 |
| Federal Trade Commission | 1,034 | 0 | 0 | 0 | 0 | 0 | 0 | 1,034 | 0 |
| International Development Cooperation Agency, total | 172,740 | 155,752 | 0 | 0 | 0 | 0 | 0 | 14,247 | 2,741 |
| Agency for Internat'l Dvlpmnt | 172,740 | 155,752 | 0 | 0 | 0 | 0 | 0 | 14,247 | 2,741 |
| Library of Congress | 1,886 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,886 |
| Nat'l Aeronautics & Space Admin ¹² | 4,240,540 | 274,793 | 19,954 | 1,049,307 | 1,019,153 | 82,707 | 1,764,691 | 347 | 29,588 |
| National Archives & Records Admin | 120 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 |
| National Science Foundation | 2,278,922 | 360,073 | 16,572 | 521,659 | 457,305 | 229,828 | 462,135 | 85,032 | 146,318 |
| Nuclear Regulatory Commission | 59,014 | 0 | 0 | 0 | 0 | 0 | 59,014 | 0 | 0 |
| Smithsonian Institution | 136,800 | 53,321 | 0 | 38,453 | 6,407 | 0 | 0 | 36,859 | 1,760 |
| Social Security Administration ¹³ | 27,698 | 0 | 0 | 0 | 0 | 0 | 0 | 27,698 | 0 |
| Tennessee Valley Authority | 14,182 | 8,999 | 0 | 916 | 2,956 | 29 | 945 | 0 | 337 |
| US Arms Control & Disarmament Agcy ... | 1,000 | 30 | 0 | 510 | 0 | 80 | 30 | 220 | 130 |
| United States Information Agency | 136 | 0 | 0 | 0 | 0 | 0 | 136 | 0 | 0 |
| US Internat'l Trade Commission | 12,511 | 0 | 0 | 0 | 0 | 0 | 0 | 12,511 | 0 |

- 1 The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- 2 The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- 3 The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- 4 The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- 5 This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- 6 This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.
- 7 Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- 8 Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- 9 As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- 10 The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- 11 The United States Secret Service was formerly listed as the Office of Protective Research.
- 12 The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.
- 13 As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-23. Federal obligations for research in psychology and life sciences,
by agency and detailed field of science: fiscal year 1995**

[Dollars in thousands]

Page 1 of 2

| Agency and subdivision | Psychology | | | | Life sciences | | | | | |
|--|------------|----------------------------|-------------------|---|---------------|-----------------|-------------------------------|-------------------|-----------|-----------------------------|
| | Total | Bio- logical aspects | Social aspects | Psycho- logical sciences, n.e.c. | Total | Bio- logical | Environ- mental biology | Agri- cultural | Medical | Life sciences, n.e.c. |
| Total, all agencies | 620,786 | 57,006 | 156,303 | 407,477 | 11,869,420 | 4,803,882 | 891,524 | 733,152 | 5,004,566 | 436,296 |
| Departments: | | | | | | | | | | |
| Department of Agriculture, total | 448 | 0 | 448 | 0 | 987,939 | 130,157 | 206,547 | 623,596 | 27,628 | 11 |
| Agricultural Marketing Service | 0 | 0 | 0 | 0 | 4,180 | 0 | 0 | 4,180 | 0 | 0 |
| Agricultural Research Service ¹ | 0 | 0 | 0 | 0 | 556,750 | 27,899 | 56,515 | 459,913 | 12,412 | 11 |
| Cooperative State Research, Education, & Extension Service ² | 0 | 0 | 0 | 0 | 312,446 | 79,034 | 68,075 | 155,666 | 9,671 | 0 |
| Foreign Agricultural Service ³ | 0 | 0 | 0 | 0 | 457 | 0 | 0 | 457 | 0 | 0 |
| Forest Service | 448 | 0 | 448 | 0 | 112,622 | 23,224 | 81,957 | 1,896 | 5,545 | 0 |
| Grain Inspection Packers & Stockyards Administration ⁴ | 0 | 0 | 0 | 0 | 1,484 | 0 | 0 | 1,484 | 0 | 0 |
| Department of Commerce, total | 287 | 0 | 287 | 0 | 150,587 | 37,907 | 70,708 | 21,847 | 19,284 | 841 |
| Bureau of the Census | 287 | 0 | 287 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Inst of Standards & Tech | 0 | 0 | 0 | 0 | 33,546 | 19,084 | 0 | 0 | 14,462 | 0 |
| Nat'l Oceanic & Atmospheric Admin | 0 | 0 | 0 | 0 | 117,041 | 18,823 | 70,708 | 21,847 | 4,822 | 841 |
| Department of Defense, total | 117,477 | 14,814 | 89,706 | 12,957 | 421,754 | 64,577 | 76,827 | 0 | 237,948 | 42,402 |
| Department of the Army | 15,163 | 640 | 12,137 | 2,386 | 184,217 | 11,854 | 2,451 | 0 | 166,340 | 3,572 |
| Department of the Navy | 31,909 | 11,116 | 18,219 | 2,574 | 52,425 | 24,135 | 13,776 | 0 | 14,514 | 0 |
| Department of the Air Force | 58,983 | 1,150 | 52,288 | 5,545 | 72,726 | 12,073 | 34,747 | 0 | 21,567 | 4,339 |
| Defense Agencies, total | 11,422 | 1,908 | 7,062 | 2,452 | 112,386 | 16,515 | 25,853 | 0 | 35,527 | 34,491 |
| Defense Logistics Agency | 7,062 | 0 | 7,062 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Nuclear Agency | 0 | 0 | 0 | 0 | 4,411 | 4,361 | 0 | 0 | 50 | 0 |
| Special Operations Command | 0 | 0 | 0 | 0 | 1,218 | 0 | 0 | 0 | 0 | 1,218 |
| Washington Headquarters Svcs ⁵ | 4,360 | 1,908 | 0 | 2,452 | 106,757 | 12,154 | 25,853 | 0 | 35,477 | 33,273 |
| Department of Education | 3,688 | 0 | 2,576 | 1,112 | 13,412 | 0 | 0 | 0 | 4,721 | 8,691 |
| Department of Energy | 0 | 0 | 0 | 0 | 256,121 | 198,884 | 2,173 | 0 | 47,374 | 7,690 |
| Dept of Health & Human Svcs, total | 410,659 | 21,895 | 8,000 | 380,764 | 8,651,148 | 3,881,156 | 63,290 | 62,135 | 4,353,848 | 290,719 |
| Agcy for Hlth Care Policy & Rsch | 1,116 | 21 | 732 | 363 | 57,864 | 0 | 0 | 0 | 46,619 | 11,245 |
| Centers for Disease Control & Prevention | 0 | 0 | 0 | 0 | 317,385 | 0 | 0 | 0 | 317,385 | 0 |
| Food & Drug Administration | 0 | 0 | 0 | 0 | 170,462 | 90,337 | 0 | 62,135 | 0 | 17,990 |
| Health Care Financing Admin | 0 | 0 | 0 | 0 | 74,537 | 0 | 0 | 0 | 0 | 74,537 |
| Health Resources & Services Admin | 0 | 0 | 0 | 0 | 12,211 | 0 | 0 | 0 | 12,211 | 0 |
| National Institutes of Health ⁶ | 409,543 | 21,874 | 7,268 | 380,401 | 8,018,689 | 3,790,819 | 63,290 | 0 | 3,977,633 | 186,947 |
| Department of the Interior, total | 0 | 0 | 0 | 0 | 145,340 | 76,099 | 69,040 | 201 | 0 | 0 |
| Geological Survey ⁷ | 0 | 0 | 0 | 0 | 2,826 | 1,270 | 1,424 | 132 | 0 | 0 |
| Minerals Management Service | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 |
| National Biological Service ⁸ 7 | 0 | 0 | 0 | 0 | 138,810 | 73,569 | 65,241 | 0 | 0 | 0 |
| National Park Service ⁸ | 0 | 0 | 0 | 0 | 3,700 | 1,260 | 2,371 | 69 | 0 | 0 |
| Department of Justice, total | 2,059 | 542 | 875 | 642 | 750 | 400 | 0 | 0 | 0 | 350 |
| Bureau of Prisons | 532 | 0 | 325 | 207 | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Justice Programs | 1,527 | 542 | 550 | 435 | 750 | 400 | 0 | 0 | 0 | 350 |

See explanatory information, if any, and SOURCE at end of table.

**Table C-23. Federal obligations for research in psychology and life sciences,
by agency and detailed field of science: fiscal year 1995**

[Dollars in thousands]

Page 2 of 2

| Agency and subdivision | Psychology | | | | Life sciences | | | | | |
|--|------------|----------------------------|-------------------|---|---------------|-----------------|-------------------------------|-------------------|---------|-----------------------------|
| | Total | Bio- logical aspects | Social aspects | Psycho- logical sciences, n.e.c. | Total | Bio- logical | Environ- mental biology | Agri- cultural | Medical | Life sciences, n.e.c. |
| Department of Transportation, total | 34,927 | 0 | 31,752 | 3,175 | 5,773 | 0 | 47 | 186 | 0 | 5,540 |
| Coast Guard | 590 | 0 | 590 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Aviation Administration | 30,680 | 0 | 30,680 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Highway Administration | 3,657 | 0 | 482 | 3,175 | 233 | 0 | 47 | 186 | 0 | 0 |
| National Highway Traffic Safety Administration | 0 | 0 | 0 | 0 | 5,540 | 0 | 0 | 0 | 0 | 5,540 |
| Department of the Treasury, total | 394 | 0 | 0 | 394 | 633 | 480 | 0 | 0 | 153 | 0 |
| United States Customs Service | 0 | 0 | 0 | 0 | 480 | 480 | 0 | 0 | 0 | 0 |
| United States Secret Service ⁹ | 394 | 0 | 0 | 394 | 153 | 0 | 0 | 0 | 153 | 0 |
| Department of Veterans Affairs | 16,491 | 16,461 | 30 | 0 | 202,124 | 36,400 | 0 | 0 | 165,724 | 0 |
| Other agencies: | | | | | | | | | | |
| Environmental Protection Agency | 0 | 0 | 0 | 0 | 111,029 | 0 | 89,971 | 0 | 21,058 | 0 |
| International Development Cooperation Agency, total | 0 | 0 | 0 | 0 | 262,288 | 0 | 186,660 | 14,017 | 8,240 | 53,371 |
| Agency for Internat'l Dvlpmt | 0 | 0 | 0 | 0 | 262,288 | 0 | 186,660 | 14,017 | 8,240 | 53,371 |
| Nat'l Aeronautics & Space Admin ¹⁰ | 19,041 | 68 | 14,668 | 4,305 | 262,196 | 116,383 | 9,940 | 571 | 118,588 | 16,714 |
| National Science Foundation | 15,315 | 3,226 | 7,961 | 4,128 | 341,040 | 241,535 | 89,588 | 0 | 0 | 9,917 |
| Smithsonian Institution | 0 | 0 | 0 | 0 | 46,637 | 19,904 | 26,733 | 0 | 0 | 0 |
| Tennessee Valley Authority | 0 | 0 | 0 | 0 | 10,599 | 0 | 0 | 10,599 | 0 | 0 |
| US Arms Control & Disarmament Agcy ... | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 50 |

- ¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- ³ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- ⁴ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- ⁵ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- ⁶ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ⁷ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- ⁸ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- ⁹ The United States Secret Service was formerly listed as the Office of Protective Research.
- ¹⁰ The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-24. Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1995

[Dollars in thousands]

Page 1 of 2

| Agency and subdivision | Physical sciences | | | | | Environmental sciences | | | | |
|--|-------------------|-----------|----------------|-----------|--|------------------------|------------------|-----------------|-------------------|---|
| | Total | Astronomy | Chem- istry | Physics | Physi- cal sci- ences, n.e.c. | Total | Atmos- pheric | Geo- logical | Ocean- ography | Environ- mental sciences, n.e.c. |
| Total, all agencies | 4,281,568 | 764,911 | 866,213 | 2,451,288 | 199,156 | 2,947,385 | 1,176,125 | 864,200 | 424,026 | 483,034 |
| Departments: | | | | | | | | | | |
| Department of Agriculture, total | 88,918 | 0 | 84,631 | 4,287 | 0 | 13,421 | 11,815 | 1,597 | 0 | 9 |
| Agricultural Research Service ¹ | 55,242 | 0 | 52,798 | 2,444 | 0 | 4,302 | 4,043 | 250 | 0 | 9 |
| Cooperative State Research, Education, & Extension Service ² | 25,875 | 0 | 25,875 | 0 | 0 | 3,113 | 3,113 | 0 | 0 | 0 |
| Forest Service | 7,801 | 0 | 5,958 | 1,843 | 0 | 6,006 | 4,659 | 1,347 | 0 | 0 |
| Department of Commerce, total | 102,683 | 860 | 43,499 | 57,586 | 738 | 290,811 | 140,884 | 43,643 | 95,930 | 10,354 |
| National Inst of Standards & Tech | 81,242 | 860 | 31,794 | 47,850 | 738 | 440 | 0 | 440 | 0 | 0 |
| Nat'l Oceanic & Atmospheric Admin | 21,441 | 0 | 11,705 | 9,736 | 0 | 290,371 | 140,884 | 43,203 | 95,930 | 10,354 |
| Department of Defense, total | 561,036 | 8,228 | 145,101 | 370,023 | 37,684 | 347,907 | 100,749 | 78,051 | 104,846 | 64,261 |
| Department of the Army | 97,521 | 0 | 44,571 | 37,497 | 15,453 | 51,000 | 14,998 | 3,869 | 1,052 | 31,081 |
| Department of the Navy | 202,154 | 4,500 | 42,111 | 152,766 | 2,777 | 116,437 | 20,761 | 27,322 | 68,354 | 0 |
| Department of the Air Force | 149,741 | 3,275 | 33,976 | 111,374 | 1,116 | 30,706 | 12,814 | 12,767 | 0 | 5,125 |
| Defense Agencies, total | 111,620 | 453 | 24,443 | 68,386 | 18,338 | 149,764 | 52,176 | 34,093 | 35,440 | 28,055 |
| Ballistic Missile Defense Organization | 18,450 | 0 | 4,505 | 12,945 | 1,000 | 4,553 | 4,553 | 0 | 0 | 0 |
| Defense Advanced Research Projects Agency ³ | 10,168 | 0 | 2,839 | 4,678 | 2,651 | 23,844 | 0 | 17,151 | 6,666 | 27 |
| Defense Nuclear Agency | 46,189 | 0 | 0 | 33,615 | 12,574 | 12,490 | 5,760 | 0 | 0 | 6,730 |
| Washington Headquarters Svcs ⁴ | 36,813 | 453 | 17,099 | 17,148 | 2,113 | 108,877 | 41,863 | 16,942 | 28,774 | 21,298 |
| Department of Energy | 1,799,182 | 0 | 216,712 | 1,499,497 | 82,973 | 382,213 | 97,680 | 100,277 | 8,158 | 176,098 |
| Dept of Health & Human Svcs, total | 155,685 | 0 | 137,447 | 18,238 | 0 | 23,853 | 0 | 0 | 0 | 23,853 |
| National Institutes of Health ⁵ | 155,685 | 0 | 137,447 | 18,238 | 0 | 23,853 | 0 | 0 | 0 | 23,853 |
| Dept of Housing & Urban Dvlpmt | 0 | 0 | 0 | 0 | 0 | 156 | 0 | 0 | 0 | 156 |
| Department of the Interior, total | 38,643 | 0 | 32,291 | 6,352 | 0 | 293,845 | 3,126 | 278,076 | 12,643 | 0 |
| Geological Survey ⁶ | 38,113 | 0 | 31,761 | 6,352 | 0 | 278,827 | 751 | 278,076 | 0 | 0 |
| Minerals Management Service | 0 | 0 | 0 | 0 | 0 | 12,971 | 402 | 0 | 12,569 | 0 |
| National Park Service ⁷ | 530 | 0 | 530 | 0 | 0 | 2,047 | 1,973 | 0 | 74 | 0 |
| Department of Justice, total | 900 | 0 | 300 | 0 | 600 | 0 | 0 | 0 | 0 | 0 |
| Office of Justice Programs | 900 | 0 | 300 | 0 | 600 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table C-24. Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1995

[Dollars in thousands]

Page 2 of 2

| Agency and subdivision | Physical sciences | | | | | Environmental sciences | | | | |
|--|-------------------|-----------|----------------|---------|--|------------------------|------------------|-----------------|-------------------|---|
| | Total | Astronomy | Chem- istry | Physics | Physi- cal sci- ences, n.e.c. | Total | Atmos- pheric | Geo- logical | Ocean- ography | Environ- mental sciences, n.e.c. |
| Department of Transportation, total | 1,389 | 0 | 0 | 1,189 | 200 | 6,717 | 4,220 | 125 | 581 | 1,791 |
| Coast Guard | 0 | 0 | 0 | 0 | 0 | 581 | 0 | 0 | 581 | 0 |
| Federal Aviation Administration | 1,189 | 0 | 0 | 1,189 | 0 | 1,524 | 1,524 | 0 | 0 | 0 |
| Federal Highway Administration | 0 | 0 | 0 | 0 | 0 | 4,412 | 2,571 | 100 | 0 | 1,741 |
| Federal Transit Administration | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 25 | 0 | 0 |
| Maritime Administration | 0 | 0 | 0 | 0 | 0 | 125 | 125 | 0 | 0 | 0 |
| Office of the Secretary | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 50 |
| Research & Special Programs Admin .. | 200 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 |
| Department of the Treasury, total | 1,226 | 0 | 243 | 173 | 810 | 0 | 0 | 0 | 0 | 0 |
| Bureau of Engraving & Printing | 1,226 | 0 | 243 | 173 | 810 | 0 | 0 | 0 | 0 | 0 |
| Other agencies: | | | | | | | | | | |
| Environmental Protection Agency | 0 | 0 | 0 | 0 | 0 | 171,874 | 80,149 | 11,183 | 0 | 80,542 |
| Federal Communications Commission | 80 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 |
| Nat'l Aeronautics & Space Admin ⁸ | 1,001,190 | 593,089 | 49,471 | 320,343 | 38,287 | 972,418 | 586,464 | 196,629 | 122,533 | 66,792 |
| National Archives & Records Admin | 120 | 0 | 80 | 40 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Science Foundation | 485,798 | 126,225 | 149,797 | 172,094 | 37,682 | 437,742 | 150,019 | 149,571 | 78,974 | 59,178 |
| Smithsonian Institution | 38,417 | 36,509 | 612 | 1,296 | 0 | 5,486 | 77 | 5,048 | 361 | 0 |
| Tennessee Valley Authority | 5,785 | 0 | 5,785 | 0 | 0 | 942 | 942 | 0 | 0 | 0 |
| US Arms Control & Disarmament Agcy ... | 516 | 0 | 244 | 170 | 102 | 0 | 0 | 0 | 0 | 0 |

- ¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- ³ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.
- ⁴ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- ⁵ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ⁶ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- ⁷ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- ⁸ The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-25. Federal obligations for research in engineering, by agency and detailed field of engineering: fiscal year 1995

[Dollars in thousands]

Page 1 of 2

| Agency and subdivision | Total | Aero- nautical | Astro- nauti- cal | Chemical | Civil | Elec- trical | Mechan- ical | Metal- lurgy and materials | Engi- neering, n.e.c. |
|--|-----------|-------------------|-------------------------|----------|---------|-----------------|-----------------|-------------------------------------|-----------------------------|
| Total, all agencies | 5,740,088 | 1,248,561 | 545,098 | 250,407 | 340,442 | 765,854 | 418,064 | 793,349 | 1,378,313 |
| Departments: | | | | | | | | | |
| Department of Agriculture, total | 69,431 | 0 | 0 | 7,705 | 5,997 | 460 | 3,425 | 0 | 51,844 |
| Agricultural Research Service ¹ | 9,629 | 0 | 0 | 5,167 | 1,692 | 386 | 593 | 0 | 1,791 |
| Cooperative State Research, Education, & Extension Service ² | 27,274 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27,274 |
| Forest Service | 32,528 | 0 | 0 | 2,538 | 4,305 | 74 | 2,832 | 0 | 22,779 |
| Department of Commerce, total | 189,311 | 0 | 0 | 11,998 | 13,185 | 56,347 | 6,702 | 56,857 | 44,222 |
| National Inst of Standards & Tech | 173,515 | 0 | 0 | 11,998 | 13,185 | 48,056 | 6,702 | 56,857 | 36,717 |
| Nat'l Oceanic & Atmospheric Admin | 9,413 | 0 | 0 | 0 | 0 | 1,908 | 0 | 0 | 7,505 |
| National Telecommunications & Information Administration | 6,383 | 0 | 0 | 0 | 0 | 6,383 | 0 | 0 | 0 |
| Department of Defense, total | 2,057,848 | 140,619 | 84,144 | 42,772 | 83,869 | 571,862 | 273,915 | 464,765 | 395,902 |
| Department of the Army | 395,506 | 32,346 | 1,242 | 17,182 | 48,232 | 145,184 | 56,497 | 32,816 | 62,007 |
| Department of the Navy | 402,327 | 7,011 | 44,089 | 7,011 | 13,034 | 141,408 | 102,105 | 85,788 | 1,881 |
| Department of the Air Force | 404,965 | 83,272 | 36,613 | 6,247 | 11,652 | 98,106 | 69,689 | 69,111 | 30,275 |
| Defense Agencies, total | 855,050 | 17,990 | 2,200 | 12,332 | 10,951 | 187,164 | 45,624 | 277,050 | 301,739 |
| Ballistic Missile Defense Organization | 54,749 | 7,016 | 2,000 | 1,119 | 0 | 10,509 | 148 | 3,823 | 30,134 |
| Defense Advanced Research Projects Agency ³ | 522,571 | 4,052 | 0 | 223 | 7,827 | 86,665 | 511 | 240,518 | 182,775 |
| Defense Nuclear Agency | 57,480 | 0 | 0 | 2,068 | 1,616 | 29,755 | 10,059 | 0 | 13,982 |
| Special Operations Command | 37,693 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37,693 |
| Washington Headquarters Svcs ⁴ | 182,557 | 6,922 | 200 | 8,922 | 1,508 | 60,235 | 34,906 | 32,709 | 37,155 |
| Department of Education | 5,737 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,737 |
| Department of Energy | 735,085 | 0 | 17,493 | 121,443 | 52,740 | 51,369 | 37,590 | 63,626 | 390,824 |
| Dept of Health & Human Svcs, total | 135,683 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135,683 |
| National Institutes of Health ⁵ | 135,683 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135,683 |
| Dept of Housing & Urban Dvlpmnt | 750 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 750 |
| Department of the Interior, total | 21,475 | 0 | 0 | 12,318 | 7,864 | 126 | 836 | 135 | 196 |
| Bureau of Reclamation | 5,997 | 0 | 0 | 0 | 5,967 | 30 | 0 | 0 | 0 |
| Geological Survey ⁶ | 11,198 | 0 | 0 | 10,164 | 781 | 96 | 157 | 0 | 0 |
| Minerals Management Service | 3,817 | 0 | 0 | 2,154 | 653 | 0 | 679 | 135 | 196 |
| National Park Service ⁷ | 463 | 0 | 0 | 0 | 463 | 0 | 0 | 0 | 0 |
| Department of Justice, total | 400 | 0 | 0 | 0 | 0 | 175 | 225 | 0 | 0 |
| Immigration & Naturalization Svc | 400 | 0 | 0 | 0 | 0 | 175 | 225 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table C-25. Federal obligations for research in engineering, by agency and detailed field of engineering: fiscal year 1995

[Dollars in thousands]

Page 2 of 2

| Agency and subdivision | Total | Aero-nautical | Astro-nautical | Chemical | Civil | Elec-trical | Mechan-ical | Metal-lurgy and materials | Engi-neering, n.e.c. |
|--|-----------|---------------|----------------|----------|---------|-------------|-------------|---------------------------|----------------------|
| Department of Transportation, total | 196,746 | 275 | 0 | 70 | 135,236 | 2,794 | 20,642 | 10,573 | 27,156 |
| Coast Guard | 2,444 | 0 | 0 | 0 | 408 | 1,104 | 485 | 447 | 0 |
| Federal Aviation Administration | 48,539 | 0 | 0 | 0 | 40,541 | 0 | 0 | 7,998 | 0 |
| Federal Highway Administration | 93,511 | 0 | 0 | 70 | 88,661 | 100 | 1,594 | 1,378 | 1,708 |
| Federal Railroad Administration | 22,041 | 0 | 0 | 0 | 3,648 | 1,323 | 9,923 | 750 | 6,397 |
| Federal Transit Administration | 4,678 | 0 | 0 | 0 | 190 | 267 | 240 | 0 | 3,981 |
| Maritime Administration | 2,163 | 0 | 0 | 0 | 1,788 | 0 | 0 | 0 | 375 |
| National Highway Traffic Safety Administration | 21,306 | 0 | 0 | 0 | 0 | 0 | 8,400 | 0 | 12,906 |
| Office of the Secretary | 525 | 275 | 0 | 0 | 0 | 0 | 0 | 0 | 250 |
| Research & Special Programs Admin .. | 1,539 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,539 |
| Department of the Treasury, total | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| Bureau of Engraving & Printing | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| Department of Veterans Affairs | 191 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 191 |
| Other agencies: | | | | | | | | | |
| Environmental Protection Agency | 118,724 | 0 | 0 | 2,617 | 0 | 0 | 0 | 0 | 116,107 |
| Federal Communications Commission | 1,531 | 0 | 0 | 0 | 0 | 1,531 | 0 | 0 | 0 |
| Nat'l Aeronautics & Space Admin ⁸ | 1,683,770 | 1,107,667 | 443,461 | 3,017 | 198 | 23,887 | 17,842 | 47,550 | 40,148 |
| National Science Foundation | 432,432 | 0 | 0 | 46,142 | 41,353 | 57,014 | 56,887 | 149,843 | 81,193 |
| Nuclear Regulatory Commission | 88,212 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88,212 |
| Tennessee Valley Authority | 2,325 | 0 | 0 | 2,325 | 0 | 0 | 0 | 0 | 0 |
| US Arms Control & Disarmament Agcy ... | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| United States Information Agency | 289 | 0 | 0 | 0 | 0 | 289 | 0 | 0 | 0 |

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁴ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁵ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁶ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

⁷ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

⁸ The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-26. Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1995

[Dollars in thousands]

Page 1 of 2

| Agency and subdivision | Mathematics and computer sciences | | | | Social sciences | | | | | |
|---|-----------------------------------|-------------|-------------------|---|-----------------|--------------|-----------|-------------------|-----------|-------------------------|
| | Total | Mathematics | Computer sciences | Mathematics and computer sciences, n.e.c. | Total | Anthropology | Economics | Political science | Sociology | Social sciences, n.e.c. |
| Total, all agencies | 1,530,877 | 359,221 | 961,877 | 209,779 | 681,518 | 22,079 | 205,940 | 24,136 | 48,509 | 380,854 |
| Departments: | | | | | | | | | | |
| Department of Agriculture, total | 17,880 | 15,385 | 2,495 | 0 | 117,789 | 284 | 108,827 | 0 | 8,678 | 0 |
| Agricultural Research Service ¹ | 2,685 | 190 | 2,495 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cooperative State Research, Education, & Extension Service ² | 0 | 0 | 0 | 0 | 49,004 | 0 | 41,424 | 0 | 7,580 | 0 |
| Economic Research Service | 0 | 0 | 0 | 0 | 53,827 | 0 | 53,827 | 0 | 0 | 0 |
| Forest Service | 11,176 | 11,176 | 0 | 0 | 13,397 | 284 | 12,015 | 0 | 1,098 | 0 |
| Nat'l Agricultural Statistics Svc | 4,019 | 4,019 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rural Business-Cooperative Svc ³ | 0 | 0 | 0 | 0 | 1,561 | 0 | 1,561 | 0 | 0 | 0 |
| Department of Commerce, total | 102,369 | 12,643 | 83,784 | 5,942 | 18,827 | 0 | 5,362 | 7,690 | 5,229 | 546 |
| Bureau of the Census | 1,902 | 1,685 | 217 | 0 | 678 | 0 | 372 | 306 | 0 | 0 |
| Economic Development Admin | 0 | 0 | 0 | 0 | 521 | 0 | 521 | 0 | 0 | 0 |
| National Inst of Standards & Tech | 83,165 | 3,055 | 74,168 | 5,942 | 183 | 0 | 183 | 0 | 0 | 0 |
| Nat'l Oceanic & Atmospheric Admin | 17,302 | 7,903 | 9,399 | 0 | 17,445 | 0 | 4,286 | 7,384 | 5,229 | 546 |
| Department of Defense, total | 695,377 | 104,987 | 543,083 | 47,307 | 488 | 0 | 292 | 0 | 196 | 0 |
| Department of the Army | 100,247 | 13,089 | 52,535 | 34,623 | 488 | 0 | 292 | 0 | 196 | 0 |
| Department of the Navy | 60,472 | 23,840 | 35,785 | 847 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Air Force | 109,006 | 51,782 | 48,844 | 8,380 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Agencies, total | 425,652 | 16,276 | 405,919 | 3,457 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ballistic Missile Defense Organization | 23,501 | 1,000 | 22,441 | 60 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Advanced Research Projects Agency ⁴ | 354,899 | 7,069 | 347,239 | 591 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defense Nuclear Agency | 2,838 | 0 | 2,838 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington Headquarters Svcs ⁵ | 44,414 | 8,207 | 33,401 | 2,806 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Education | 1,229 | 0 | 1,229 | 0 | 114,286 | 0 | 0 | 0 | 1,854 | 112,432 |
| Department of Energy | 223,195 | 97,305 | 97,179 | 28,711 | 500 | 500 | 0 | 0 | 0 | 0 |
| Dept of Health & Human Svcs, total | 68,945 | 34,102 | 34,843 | 0 | 171,728 | 0 | 14,344 | 2,502 | 2,159 | 152,723 |
| Administration on Aging | 0 | 0 | 0 | 0 | 3,000 | 0 | 0 | 0 | 0 | 3,000 |
| Admin for Children & Families | 0 | 0 | 0 | 0 | 11,200 | 0 | 0 | 0 | 0 | 11,200 |
| Agcy for Hlth Care Policy & Rsch | 10,764 | 128 | 10,636 | 0 | 22,245 | 0 | 14,344 | 2,502 | 2,159 | 3,240 |
| National Institutes of Health ⁶ | 58,181 | 33,974 | 24,207 | 0 | 105,730 | 0 | 0 | 0 | 0 | 105,730 |
| Office of the Secretary | 0 | 0 | 0 | 0 | 9,121 | 0 | 0 | 0 | 0 | 9,121 |
| Social Security Administration ⁷ | 0 | 0 | 0 | 0 | 20,432 | 0 | 0 | 0 | 0 | 20,432 |
| Dept of Housing & Urban Dvlpmt | 31 | 0 | 31 | 0 | 10,619 | 0 | 6,103 | 331 | 748 | 3,437 |
| Department of the Interior, total | 18,139 | 3,049 | 13,771 | 1,319 | 14,327 | 4,782 | 76 | 0 | 1,852 | 7,617 |
| Geological Survey ⁸ | 16,609 | 3,049 | 13,560 | 0 | 324 | 0 | 0 | 0 | 0 | 324 |
| Minerals Management Service | 1,319 | 0 | 0 | 1,319 | 1,899 | 17 | 69 | 0 | 1,813 | 0 |
| National Park Service ⁹ | 211 | 0 | 211 | 0 | 12,104 | 4,765 | 7 | 0 | 39 | 7,293 |
| Department of Justice, total | 0 | 0 | 0 | 0 | 18,874 | 62 | 312 | 550 | 10,359 | 7,591 |
| Bureau of Prisons | 0 | 0 | 0 | 0 | 2,717 | 62 | 62 | 0 | 1,288 | 1,305 |
| Office of Justice Programs | 0 | 0 | 0 | 0 | 16,157 | 0 | 250 | 550 | 9,071 | 6,286 |
| Department of Labor, total | 0 | 0 | 0 | 0 | 28,248 | 0 | 28,248 | 0 | 0 | 0 |
| Bureau of Labor Statistics | 0 | 0 | 0 | 0 | 13,100 | 0 | 13,100 | 0 | 0 | 0 |
| Employment & Training Admin | 0 | 0 | 0 | 0 | 4,206 | 0 | 4,206 | 0 | 0 | 0 |
| Occupational Safety & Hlth Admin | 0 | 0 | 0 | 0 | 4,370 | 0 | 4,370 | 0 | 0 | 0 |
| Office of the Secretary | 0 | 0 | 0 | 0 | 2,872 | 0 | 2,872 | 0 | 0 | 0 |
| Pension Benefit Guaranty Corp | 0 | 0 | 0 | 0 | 102 | 0 | 102 | 0 | 0 | 0 |
| Pension & Welfare Benefits Admin | 0 | 0 | 0 | 0 | 3,598 | 0 | 3,598 | 0 | 0 | 0 |
| Department of State | 0 | 0 | 0 | 0 | 5,010 | 361 | 1,156 | 2,140 | 782 | 571 |

See explanatory information, if any, and SOURCE at end of table.

Table C-26. Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1995

[Dollars in thousands]

Page 2 of 2

| Agency and subdivision | Mathematics and computer sciences | | | | Social sciences | | | | | |
|---|-----------------------------------|-------------|-------------------|---|-----------------|--------------|-----------|-------------------|-----------|-------------------------|
| | Total | Mathematics | Computer sciences | Mathematics and computer sciences, n.e.c. | Total | Anthropology | Economics | Political science | Sociology | Social sciences, n.e.c. |
| Department of Transportation, total | 90,247 | 149 | 16,595 | 73,503 | 15,784 | 0 | 4,641 | 1,392 | 6,615 | 3,136 |
| Coast Guard | 1,315 | 0 | 1,315 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Highway Administration | 77,336 | 149 | 4,088 | 73,099 | 6,195 | 0 | 2,744 | 1,013 | 963 | 1,475 |
| Federal Railroad Administration | 504 | 0 | 364 | 140 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Transit Administration | 684 | 0 | 420 | 264 | 5,479 | 0 | 1,682 | 379 | 1,919 | 1,499 |
| Maritime Administration | 0 | 0 | 0 | 0 | 162 | 0 | 0 | 0 | 0 | 162 |
| National Highway Traffic Safety Administration | 9,128 | 0 | 9,128 | 0 | 3,733 | 0 | 0 | 0 | 3,733 | 0 |
| Office of the Secretary | 0 | 0 | 0 | 0 | 15 | 0 | 15 | 0 | 0 | 0 |
| Research & Special Programs Admin .. | 1,280 | 0 | 1,280 | 0 | 200 | 0 | 200 | 0 | 0 | 0 |
| Department of the Treasury, total | 17,430 | 0 | 17,430 | 0 | 29,147 | 0 | 1,508 | 0 | 0 | 27,639 |
| Internal Revenue Service | 17,200 | 0 | 17,200 | 0 | 28,597 | 0 | 958 | 0 | 0 | 27,639 |
| Office of Thrift Supervision | 0 | 0 | 0 | 0 | 550 | 0 | 550 | 0 | 0 | 0 |
| United States Customs Service | 230 | 0 | 230 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other agencies: | | | | | | | | | | |
| Advisory Commission on Intergovernmental Relations | 0 | 0 | 0 | 0 | 1,413 | 0 | 706 | 707 | 0 | 0 |
| Appalachian Regional Commission | 0 | 0 | 0 | 0 | 900 | 0 | 0 | 900 | 0 | 0 |
| Federal Communications Commission | 128 | 0 | 128 | 0 | 529 | 0 | 529 | 0 | 0 | 0 |
| Federal Trade Commission | 0 | 0 | 0 | 0 | 564 | 0 | 564 | 0 | 0 | 0 |
| International Development Cooperation Agency, total | 0 | 0 | 0 | 0 | 7,844 | 0 | 5,339 | 250 | 455 | 1,800 |
| Agency for Internat'l Dvlpmnt | 0 | 0 | 0 | 0 | 7,844 | 0 | 5,339 | 250 | 455 | 1,800 |
| Nat'l Aeronautics & Space Admin ¹⁰ | 78,916 | 4,536 | 27,220 | 47,160 | 364 | 0 | 0 | 0 | 233 | 131 |
| National Science Foundation | 216,856 | 87,065 | 124,089 | 5,702 | 79,478 | 12,737 | 15,306 | 7,479 | 8,881 | 35,075 |
| Smithsonian Institution | 0 | 0 | 0 | 0 | 31,977 | 3,353 | 0 | 0 | 468 | 28,156 |
| Tennessee Valley Authority | 0 | 0 | 0 | 0 | 475 | 0 | 475 | 0 | 0 | 0 |
| US Arms Control & Disarmament Agcy ... | 135 | 0 | 0 | 135 | 195 | 0 | 0 | 195 | 0 | 0 |
| US Internat'l Trade Commission | 0 | 0 | 0 | 0 | 12,152 | 0 | 12,152 | 0 | 0 | 0 |

- 1 The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- 2 The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- 3 This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- 4 This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.
- 5 Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- 6 Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- 7 As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- 8 As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- 9 The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- 10 The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997